



**LABORATORY
EQUIPMENT AND SUPPLIES**

SLS-LUX Scientific Inc.
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Placing An Order



PHONE ORDERS:

1•800•220•7574
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FAX ORDERS:

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MAIL ORDERS TO:

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1401 Wade Boulevard
Millville, NJ 08332



E-MAIL

SLSLUX@aol.com

HOME PAGE

www.SLS-LUX.com

PAYMENT TERMS: Our terms for payment are net 30 days from invoice date and are subject to credit approval. We now accept VISA, MasterCard and American Express.



SLS-LUX Scientific

GLOVES

DISPOSABLE GLOVES

Polyethylene Disposable Gloves

- Inexpensive
- Lightweight
- Ambidextrous
- Embossed Grip
- USDA Accepted
- One Size



Catalog Number	Quantity Per Case	Case Price
18-100	1000	\$15.40

MICROFLEX

MICRO ONE™ GRADIENT DIPPING TECHNOLOGY

Micro One™ is anatomically designed to be both ambidextrous yet form fitting with uniform thickness in the fingers, palm and cuff. The glove is also 20% heavier and stronger than other exam gloves, providing an enhanced barrier of protection.

SUPER TACTILE SENSITIVITY

For a wide variety of hands-on jobs that require an acute sense of touch, you can't beat Micro One™. Maybe that's why thousands of doctors, nurses, and other healthcare professionals throughout the U.S. have made Micro One™ the fastest growing brand of glove in its class.

LIGHTLY POWDERED

Micro One™ uses electrostatically applied pharmaceutical grade cornstarch instead of talc so you get a comfortable fit without excessive powder residue. Length 240 Millimeters



Catalog Number	Size	Pack of 100	Case of 1000
18-105	S	\$5.75	\$52.50
18-106	M	5.75	52.50
18-107	L	5.75	52.50

EVOLUTION ONE™ TACTILE SENSITIVITY

Feel the heightened tactile sensitivity of the sleek, contoured Evolution One™. Whether you're calibrating equipment, handling lab samples or examining patients, the glove conducts tactile sensation like a second skin.

ENHANCED PROTECTION

Evolution One™ is made of non-irritating natural latex and coated a second time with Omega Shield™, a space-age polymer used for long wear contact lenses. This extra barrier allows the glove to exceed federal and ASTM tear and puncture resistance standards. The glove stretches to 700% of its original size without tearing!

SECURE GRIP TEXTURE

Working with hospital equipment, hazardous or expensive samples, you can't afford to have anything less than a firm hold. Evolution One™ delivers, wet or dry.

Length 245 Millimeters



Catalog Number	Size	Pack of 100	Case of 1000
18-110	S	\$8.90	\$81.00
18-111	M	8.90	81.00
18-112	L	8.90	81.00

DIAMOND GRIP™ VICE-LIKE GRIP

Get a solid, nonslip grip in wet or dry conditions. Whether you're holding a newborn, or an important lab sample, Diamond Grip™ delivers a confident grip in a variety of slip-prone environments.

MICRO-CONTOURED™ FIT

Diamond Grip™ is contoured to fit every curve of your hand, for comfortable extended wear. The low modulus natural latex used in the glove is puncture and tear resistant and highly elastic allowing for greater dexterity.

SENSIMAX™ FINGERTIPS

Diamond Grip's contoured fingertips enable you to work a wide variety of hands-on jobs that require acute tactile sensitivity. Diamond Grip™ is the most comfortable powderfree glove you will ever wear! Length 245 Millimeters

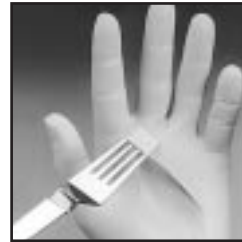


Catalog Number	Size	Pack of 100	Case of 1000
18-115	S	\$8.75	\$79.50
18-116	M	8.75	79.50
18-117	L	8.75	79.50

NITRILE DISPOSABLE GLOVES

Nitrile Disposable Gloves

- Low Powder
- USDA Accepted
- Ambidextrous
- Puncture Resistant
- 100% Nitrile
- 4 Mil Thick
- Low Powder



Catalog Number	Size	Quantity Per Case	Case Price
18-120	S	1000	\$178.00
18-121	M	1000	178.00
18-122	L	1000	178.00
18-123	XL	1000	178.00
Powder - Free			
18-125	S	1000	\$292.50
18-126	M	1000	292.50
18-127	L	1000	292.50
18-128	XL	1000	292.50

VINYL DISPOSABLE GLOVES

Vinyl Disposable Gloves

- Low Powder
- Thickness of 5 mil
- Ambidextrous
- Pre-powdered
- USDA Accepted



Catalog Number	Size	Quantity Per Case	Case Price
18-130	S	1000	\$58.00
18-131	M	1000	58.00
18-132	L	1000	58.00
18-133	XL	1000	58.00
Powder - Free			
18-135	S	1000	\$84.00
18-136	M	1000	84.00
18-137	L	1000	84.00
18-138	XL	1000	84.00

Latex Disposable Gloves Low Power

- Excellent Dexterity and Resiliency
- USDA Accepted
- Pre-Powdered
- 5 Mil Thick
- Ambidextrous



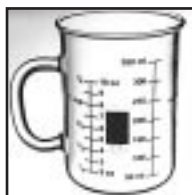
Catalog Number	Size	Quantity Per Case	Case Price
18-140	S	1000	\$63.00
18-141	M	1000	63.00
18-142	L	1000	63.00
18-143	XL	1000	63.00
Powder - Free			
18-145	S	1000	\$85.50
18-146	M	1000	85.50
18-147	L	1000	85.50
18-148	XL	1000	85.50

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www.sls-lux.com

GLASSWARE / BALANCE ACCESSORIES

THE MUGS THAT MEASURE UP - THE SOCIAL SET



Pick up a six-pack for entertaining in the lab or at home. Clear Borosilicate glass and graduated marking make it easy to see how your mixers measure up! For hot or cold liquids - from the freezer to the microwave.

Catalog Number	Description	Quantity	Price
19-170	Social Set 6-Pack, 8 oz.	pk/6	\$34.50
19-171	Social Set 6-Pack, 14 oz.	pk/6	39.50

POLYSTYRENE ANTI-STATIC WEIGHING DISHES



Catalog Number	Size	Case Pack	Case Price
20-100	1 ¹³ / ₁₆ " x 2 ¹ / ₄ " x 1 ¹ / ₂ "	500	\$18.12
20-101	3 ¹ / ₄ " x 5 ¹ / ₈ " x 1 ¹ / ₄ "	500	42.28
20-102	4 ¹ / ₄ " x 7" x 1 ¹ / ₈ "	500	73.28

WEIGHING BOATS



Catalog Number	Size	Case Pack	Case Price
20-110	1 ³ / ₄ " x 3 ³ / ₈ "	500	\$11.24
20-111	3 ³ / ₁₆ " x 3 ³ / ₄ "	500	18.36
20-112	5 ¹ / ₂ " x 7 ¹ / ₈ "	500	36.74

ALUMINUM FOIL WEIGHING DISHES

Inexpensive disposable aluminum foil dishes with crimped sides, flat smooth bottom, and a finger tab handle on the rim. Dish weights are approximately 1.0 grams (43mm), 1.4 grams (57mm), and 2.0 grams (70mm). Used in multiple applications: i.e., routine weighing, moisture testing, wastewater, dairy, chemical and pharmaceutical.



Catalog Number	Size	Case Pack	Case Price
20-115	43mm 2" dia. x 1/2" deep	1000	\$33.16
20-116	57mm 2 ¹ / ₂ " dia. x 1 ⁹ / ₃₂ " deep	1000	39.06
20-117	70mm 3" dia. x 1 ⁹ / ₃₂ " deep	1000	53.50

ALUMINUM MOISTURE PANS

Catalog Number	Size	Case Pack	Case Price
20-125	4 ³ / ₄ " ID x 3 ³ / ₁₆ " deep (Ohaus comp.)	1000	\$140.00
20-126	4" x 5 ¹ / ₁₆ " deep (Mettler 13865 Equiv. Sartorius + Denver)	500	93.00
20-127	5" dia. x 3 ³ / ₈ " (Ohaus comp.)	1000	114.00
20-128	4 ¹ / ₂ " dia. x 7 ¹ / ₁₆ " deep (Cenco pan for slds)	250	49.00



LABORATORY GLASSWARE



Cylinders, graduated with hexagonal base and pourout, high form, blue graduation, class A

Catalog Number	Capacity ml	Price ea.
19-100	5	\$ 7.34
19-101	10	7.34
19-102	25	7.34
19-103	50	7.84
19-104	100	8.68
19-105	250	12.84
19-106	500	17.60

Beakers, low form, with spout

Catalog Number	Capacity ml	Price ea.
19-110	100	\$1.96
19-111	150	2.03
19-112	250	2.11
19-113	400	2.53
19-114	600	3.15
19-115	800	4.33
19-116	1000	4.98
19-117	2000	8.71

Flasks, volumetric with plastic stopper, class A

Catalog Number	Capacity ml	Price ea.
19-120	5	\$10.58
19-121	10	10.58
19-122	25	10.96
19-123	50	12.03
19-124	100	13.38
19-125	250	18.38
19-126	500	21.38
19-127	1000	29.58

Cylinders, graduated to contain with hexagonal base and pourout, high form, white graduation, class B

Catalog Number	Capacity ml	Price ea.
19-130	5	\$ 6.54
19-131	10	6.76
19-132	25	6.78
19-133	50	6.96
19-134	100	7.64
19-135	250	11.38
19-136	500	15.78

Flasks Erlenmeyer, narrow neck

Catalog Number	Capacity ml	Price ea.
19-140	50	\$3.04
19-141	100	2.88
19-142	250	3.05
19-143	500	3.98
19-144	1000	6.76

Burette, Straight bore glass stopcock, funnel top, Class B

Catalog Number	Capacity ml	Price ea.
19-150	10 x .05	\$21.25
19-151	25 x .10	21.25
19-152	50 x .10	21.25
19-153	100 x .20	24.98

Burette, Straight bore teflon stopcock, funnel top, Class A

Catalog Number	Capacity ml	Price ea.
19-160	10 x .05	\$35.95
19-161	25 x .10	35.95
19-162	50 x .10	35.95
19-163	100 x .20	55.62

SLS-LUX Scientific

MEASURING TOOLS /
BALANCES

CALIPER DEPTH BASE

Depth base converts calipers to spring loaded measuring tools. Maximum set stop for repeat, accurate measurements. Spring loaded—use for checking outside diameters or depth measurements.



29-100 Caliper Depth Base. Fits 6" calipers \$24.00

COLOR "ONE-REV" DIAL CALIPERS

New color dial faces combine the convenience of widely spaced microfine graduations and protection of covered depth rod and accuracy of hardened stainless steel rack. Dial hand completes one revolution per each .100"; thumbroll for rapid setting. Accuracy .001" per 6".



	Range	Dial Face Color	Dial Graduation	Depth Of Jaws	Price
29-105	6"	Blue	.001	1.6"	\$98.00
29-106	6"	Orange	.001	1.6"	\$98.00
29-107	6"	Black	.001	1.6"	\$98.00
29-108	6"	White	.001	1.6"	\$98.00
29-109	6"	White	.001	2.0"	\$125.00
29-110	6"	White	.001	2-7/16"	\$175.00

ELECTRONIC DIGITAL BALANCES PORTABLE AND AFFORDABLE

Lux offers a full line of economical medium and high capacity Electronic Digital Balances. All are completely portable (running on battery or AC power) and offer easy digital keyboard operation. See chart for complete specifications on each model.



CAT. NO.	30-115	116	117	118	119	120	121	122
CAPACITY (G.)	60	150	250	400	600	1200	4000	6000
LINEARITY (+-G.)	0.01	0.10	0.10	0.10	0.10	0.10	1	1
GRADUATION (G.)	0.01	0.1	0.1	0.1	0.1	0.1	1	1
CALIBRATION	USER FROM KEYPAD			FACTORY PRESET			USER FROM KEYPAD	
MODES				G., OZ., DWT., OZT.			G., OZ., DWT., OZT.	
STAINLESS STEEL	NO	NO	NO	YES	YES	YES	YES	YES
TOP								
TRAY TOP	31/4"X21/4"3"X31/4"			51/4" X 51/4"				
DIMENSIONS								
INCLUDED ACCESSORIES	CAL. WT	CAL. WT		AC/ADAPTOR				
		POUCH, 9VAC/ADAPTOR						
		POUCH, BATTERY						
PRICE	\$395.00	\$125.00	\$150.00	\$140.00	\$200.00	\$295.00	\$150.00	\$235.00

SOFTWARE WEDGE FOR WINDOWS

Software Wedge for Windows Professional Version. Advanced data-parsing and filtering capabilities; advanced data-formatting features. Pre-input translation table. Pre-transfer translation table. Performs hexadecimal or octal to decimal conversions. Allows data-logging directly to disk file. Place output buffers directly into any Windows application. Expanded set of DDE commands.

Software Wedge 32 Pro "WinWedge 32" provides higher speed data acquisition and instrument control with native 32-bit processing power for use with Windows 95 and NT applications. Includes same features as Software Wedge for Windows plus; Support for up to 99 serial ports simultaneously. DDE data transfers are 15—20% faster between WinWedge 32 and other 32 bit applications. Pro-grammable "Hot Key" control of WinWedge 32 in Windows 95 (the Hot Key capabilities of WinWedge Pro are only available in Windows 3.x). WinWedge 32 can automatically open Windows 95 applications and send data to them (WinWedge Pro can only do this with 16 bit Windows 3.x applications). Multiple applications may be open and receiving data simultaneously from many different instruments. Fully pre-emptive multitasking for faster data throughput. Long file names, better interfaces, and other improved features of Windows 95. Plus native 32 bit processing power takes complete advantage of the latest microprocessors & high speed serial ports.

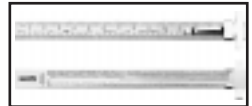


29-130	Software Wedge for Windows (Professional Version).	\$395.00
29-131	Software Wedge for DOS (Professional Version).	295.00
29-132	Software Wedge 32 Pro (Professional Version).	495.00

Programs include installation/setup programs, direct on-line help files; 3 1/2" diskette; manual.

6" (150MM) POCKET STEEL RULE

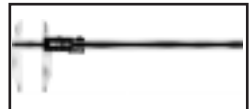
Top—front view (Graduations: Metric 1mm, Inch 64ths.) Bottom—reverse side shows conversion table. Rule width = .470"; rule thickness = .021"; convenient pocket clip.



29-135	6"(150mm) Rule	\$5.50
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HEAVY DUTY ELECTONIC CALIPER WITH OUTPUT RS232

Incremental floating zero. Deviations read out directly with no math. Direct inch/metric conversion. Increased measuring, tracking speed of approx. 60"/second. Bottom jaw 3.2"; top jaws 1.5". Overall accuracy .0015"/.04mm.



29-136	0-12"/300mm	\$675.00
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ULTRA-CAL III WITH OUTPUT RS232

new, high accuracy capacitive sensor. Reading .0005". Direct inch/metric conversion. Accuracy .001"/.02mm; resolution .0005"/.01mm; repeatability 1 digit. 2 year battery life. .001"/.02mm graduation.



29-137	6"(150mm) Ultra-Cal III	\$169.00
29-138	8"(200mm) Ultra-Cal III	280.00

FOWLER/NSK MAX-CAL WITH OUTPUT

Powerful large scale integration with new microchip design allows full size computer functions in a small portable tool. True inch/metric conversion. Hold function holds anything in display. Resolution .0005". Accuracy .001". Floating zero; tolerance mode; min/max. Includes batteries and case.



29-139	6"(150mm) Max-Cal	\$149.50
29-140	8"(200mm) Max-Cal	265.00

BLACK FACE 4" DIAL CALIPER

Hardened stainless steel throughout. Measuring faces precision ground and microlapped for ultimate accuracy. Graduations per revolution .200". Each dial graduation .002". Includes case.



29-141	0-4" Black-fac Dial Caliper	\$39.50
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NEW "SWISS STYLE" CALIPER

Black stylized face with white graduations and orange needle for easy reading. Stainless steel construction. Covered rack. Lock and thumbroll. One revolution reading. 4-way reading (inside, outside, depth and step). Graduation .001"/.02mm.



29-142	6" Swiss Style Caliper	\$69.50
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SLS-LUX Scientific

MICROSCOPES & MAGNIFIERS

EXCEPTIONAL QUALITY IN AN AFFORDABLY PRICED MICROSCOPE

This Microscope was developed and designed to meet the requirements of student and teaching needs and includes the following features usually found only in more expensive models:

- Inclined 344mm monocular Microscope with die cast base
- 45° inclined head fully rotatable through 360°
- Fully achromatic optical system
- Locked in 10x Widefield eyepiece with pointer
- Color coded parfocal DIN objectives - 4X, 10X, 40X Retractable
- Triple nosepiece with positive click stop
- Break-proof gears with slip clutch mechanism
- Safety rack stop to prevent damage to slides and objectives
- Fine focusing adjustment with 0.002mm value on knobs on both sides of the Microscope
- 5 aperture disc diaphragm
- A 115mm x 120mm stage with locked in stageclips and 0.65 condenser lens
- Built in base illuminator
- Chemical resistant baked on finish
- Dust cover



Catalog Number	Description	Price
21-500	Microscope	ea. \$295.00

POCKET-SCOPES

Pocket-Scope #52-662-020, 040.

No moving parts so the Pocket-Scope never loses focus. Compound lens system of four parts gives accurate readings without adjusting. Provides on the job viewing not possible with other microscopes of this type. The special beveled opening gathers and focuses light on the workplace. Under 5" in length, its aluminum alloy shell protects lens system from breakage. Includes handy clip and case.

Micro-lite #52-662-045. Add to any Pocket-Scope with a spring clamp for greater illumination. Invaluable for inspection and measurement of hard to see/reach places. Includes case. (Uses AAA battery, not included).



Order No.	Description	Field of View	Scale	Price
52-662-020	20X Pocket-Scope w/.002" reticle	.190"	0-.18"	\$28.00
52-662-040	40X Pocket-Scope w/.001" reticle	.082"	0-0.7"	28.00
52-662-045	Micro-lite			20.00

OPTICAL MAGNIFIERS

Order No.	Description	Price
52-660-0001	5X Loupe/plastic; focal distance 2", high quality, precise	\$ 5.00
52-660-005	Swivel base with 15X magnification	75.00
52-660-007	Triple element lens of 7X magnification in a focusing mount	50.00
52-660-010	Double element magnifier 10X magnification	24.00
52-660-015	Combination of 3 lenses in 2 groups making an excellent achromatic magnifier of 15X	29.00
52-660-050	Illuminated 10X magnifier. (Batteries 2 C-size not incl.)	33.00



3-D SIGHTER

Magnifies objects greatly- close work easier & more accurate. The finest prismatic lenses. Wear with eyeglasses and bifocals. Reduces chance of accident; eyes and forehead are protected. Improves working conditions and alleviates tension, strain and fatigue. Carton box included.

Order No.	Power	Distance	Price
52-660-707	13/4X	Approximately 14" from work	\$21.00
52-660-727	21/4X	Approximately 10" from work.	21.00
52-660-737	23/4X	Approximately 8" from work	23.00



MEASURING MICROSCOPES

Order No.	Description	Working Distance	Field View	Price
53-646-087	Microscope 20X with 90° crosshair reticle, 2X objective & 10X eyepiece	.625"	.200"	\$330.00
53-646-091	Microscope 60X with 90° crosshair reticle, 6X objective & 10X eyepiece	.216"	.078"	360.00
53-646-096	Microscope 100X with 90° crosshair reticle, 15X objective & 10X eyepiece	.1875"	.062"	360.00
53-646-098	Microscope 150X with 90° crosshair reticle, 15X objective & 10X eyepiece	.362"	.038"	380.00
53-646-100	Microscope 200X with 90° crosshair reticle, 20X objective & 10X eyepiece.	.264"	.028"	495.00



CELL DISRUPTER AND GRINDING MILL FOR SMALL SAMPLES



CELL DISRUPTER FOR SMALL SAMPLES

The Mini-BeadBeater violently agitates a sealed microcentrifuge tube containing cells or tissue and hundreds of minute glass beads. Even resistant yeast or fibrous tissues are completely homogenized in 1-3 minutes in 0.1-1.0 ml of homogenization medium. The non-foaming, non-aerosol method preserves enzymes, nucleic acids and organelles. Ideal for PAGE, polymerase applications and diagnosis using antibody or oligonucleotide probes. Recover intact RNA by simultaneous disruption and extraction in phenol or Gussalt solutions. Sterile techniques are easily accommodated to recover intracellular virus and bacteria from plant and animal cells.

SPECIFICATIONS:

VIALS. Polypropylene with neoprene o-rings seals and polyethylene cap. Holds about 1 ml of leadfree glass beads and 0.1 to 1.0 ml. of material to be disrupted. Vial snaps into spring-loaded holder. **MOTOR.** 115 VAC, 60HZ, 0.6 amp. with 3 wire grounded cord. Touch-pad programming of both shaking speed (3800, 4200, 4600 and 5000 rpm) and time (0-5min in 10 sec. intervals).

ORDERING INFORMATION:

Cat. No. 22-100 Complete Mini-BeadBeater package includes: 12 vials, 0.25 lb. each of the beads listed below, motor with timer and instructions..... \$695.00
Cat. No. 22-105-220VAC 50HZ.....\$715.00

BEADS:

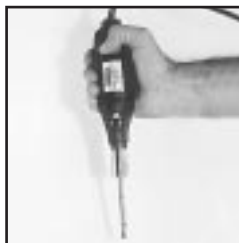
Cat. No.	Description	Price
22-110	GLASS BEADS, 1lb. (1.0mm Dia.)	\$24.50
22-111	GLASS BEADS, 1 lb. (0.5mm Dia.)	24.50
22-112	GLASS BEADS, 1 lb. (0.1-0.15mm Dia.)	24.50
22-113	ZIRCONIA SILICA BEAD, 1 lb (0.5mm Dia.)	35.50
22-114	ZIRCONIA SILICA, 1lb. (0.1-0.15 mm Dia)	35.50

*Other beads for special applications are available.

VIALS:

22-120	2 ml VIAL & CAP sterile, in foam rack (100 count)	\$ 31.00
22-121	2 ml VIAL & CAP, bulk pack (500 count)	96.00
22-122	2 ml VIAL & CAP, sterile, bulk pack (500 count)	105.00

SMALL SAMPLE LABORATORY HOMOGENIZER



TISSUE HOMOGENIZER

The Tissue-Tearor is a rotor/stator type tissue homogenizer which can rapidly homogenize, disperse, and emulsify samples in 0.5-50 ml of liquid. During operation, the suspended material is drawn into the core of the homogenizer by a rotor turning at 30,000 rpm. The material is repeatedly cycled through six narrow slits in the stator where it is rapidly sheared and disintegrated by high frequency mechanical action. Complete homogenization of tissues (muscle, liver, breast tissue, etc.) is usually achieved in ten to thirty seconds. Samples can be processed in test tubes kept cold during treatment by immersion in an ice bath.

SPECIFICATIONS:

Sample Volume Range	0.3 to 50 ml
Universal Motor.....	120 VAC/DC 50/60 Hz
Variable Speed	5,000 to 30,000 rpm
Loading	138 watts
Overall Length.....	9inches
Probe Length	3.25 in. (8.3 cm), 316 S. Steel*
Probe diameter	0.28 in (7mm)
Weight.....	15 oz.

WARNING NOT SUITABLE FOR USE WITH FLAMMABLE SOLVENTS

ORDERING INFORMATION

22-130	Complete Tissue* Tearor consisting of motor, speed control and generator	\$544.00
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GENERAL-PURPOSE MIXER



Mixes low-viscosity fluids at high speeds - up to 10,000 rpm

Use our general-purpose mixer for your routine, low-viscosity, laboratory mixing. This direct-drive mixer delivers speeds from 500 to 10,000 rpm. (NOTE: Not recommended for fuming corrosive materials.)

Fuse protected, universal type motor has a compact speed controller conveniently attached. This solid-state controller provides exact speed setting within its 20:1 speed adjustment range. Potentiometer controls both on/off and variable speed settings for single direction mixing.

Mixer accepts a 5/16 to 3/8" dia stirring shaft. Mixer comes with shaft; propeller*; 6" L mounting rod; a Jacobs-type chuck with key; and a 6 ft, three-wire cord with grounded plug.

Specifications and ordering information

Type	General-purpose mixer
Speed Range	500 to 10,000 rpm
Maxtorque	9.5 in-oz (up to 5000 rpm)
Motor	1/20 hp
Shaft size	5/16" to 3/8"
Dimensions	55/8"W x 41/4"Hx33/8"D
Power	115 VAC, 50/60 Hz
Shpg wt	5 lbs (2.3 kg)

*12" Lx 3/8" dia stainless steel shaft and 11/2" dia stainless steel propeller.

Cat. No.	Price
22-135	\$220.00

2-SPEED HAND-HELD MIXER/HOMOGENIZER AT A FABULOUS NEW PRICE



The 2-Speed Hand-Held Homogenizer can be used in any container with a 2 1/4" or larger opening. Low speed is at 12,000 rpm and high at 16,000 rpm. The stirring shaft is 5 1/2" and made of chrome plated stainless steel and blade guard is aluminum alloy. The unit's over all length is a compact 13 1/2" and it weighs 2 lbs. 2 oz, allowing easy one-handed operation. The Homogenizer comes with a stand for bench top or wall mounting, 1 500ml plastic beaker, 1 whipping disk, 1 mixing disk, 1 chopping blade, 1 cutting blade and a grinding mill attachment with 2 blades. 120 VAC and UL listed.

22-140	Hand-Held Homogenizer	\$65.00
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MICROFUGE SAMPLE PESTLE



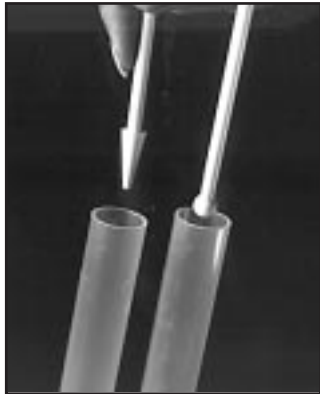
Teflon® pestle is mounted on a stainless steel shaft. Overall 5 5/8" long. Designed to fit into the 1.5ml polypropylene sample tube with captive cap with .002" clearance. Shaft is (3.2mm) diameter. Can be used by hand or motorized. Ideal for re-suspending lyophilized products or precipitates or homogenizing in the sample tube. Since some microfuge tubes have a rounded bottom and some have a pointed bottom, 22-145 has a rounded tip and 22-146 has a pointed tip.

22-145	Microfuge Pestle, rounded	\$32.20
22-146	Microfuge Pestle, pointed	32.20

SLS-LUX Scientific

HOMOGENIZERS / SYRINGES

TISSUE GRINDERS



Polypropylene Tissue Grinders, available in two configurations, efficiently homogenize tissue and cells in test, centrifuge and grinding tubes. All are steam autoclavable at 250°F. The Conical tip with rounded end tapers from 8.2mm to 2.9mm over its 19mm length, shaft is 21cm long. The Spherical tip is 7.8mm dia., shaft is 20cm long. All shafts are 4.8mm dia.

22-150	Conical Tissue Grinder	bag/6	\$8.00
22-151	Spherical Tissue Grinder	bag/6	8.00

PESTLE MIXER WITH MATCHED 1.5ML TUBE



Economical, Disposable and Autoclavable Disposable Polypropylene pestles and 1.5ML microcentrifuge tubes are used to resuspend precipitates such as protein or DNA pellets in buffer solution, or to grind soft tissue.

The pestles are matched to fit the tubes. These sets are excellent for processing large numbers of samples.

Catalog Number	Description	Case/Pack	Price
22-155	Green peslte and 1.5 ML tube	100	\$48.00

VICI PRECISION SAMPLING C-120 SERIES LIQUID MICROSYRINGES



This teflon plunger-tipped syringe is traditionally a popular choice for general purpose chromatography work. In addition to the basic features of all Pressure-Lok microsyringes, the C-120 offers as standard equipment a barrel extension beyond the rear flange which permits attachment of a vacuum bulb or line for easier filling or cleaning.

Teflon Plunger Tip

This tip is fabricated from virgin Teflon and is specially stress-formed, self-lubricating and durable.

Leak Tight

This syringe will handle liquids and gases and is leak tight to 250 psi.

Teflon Sealed Needle

Teflon needle seal on rear of needle, isolates sample from the needle cement, preventing possible dissolution of cement or contamination of the sample.

Heavy Duty Hex Rear Flange

Hexed rear flange prevents the syringe from rolling.

Extended Syringe Barrel

The extended syringe barrel permits attachment of vacuum bulb or line for easier filling and cleaning, therefore reducing carryover.

Smooth Bore Barrel with Crisp, Clean Graduations

High-quality borosilicate glass provides extremely smooth bore to insure a long-lasting plunger seal. The crisp, clean graduations allow for easy reading of sampled amount.

Catalog Number	Size	Price
23-110	5 UL	\$39.00
23-111	10 UL	39.00
23-112	25 UL	39.00
23-113	50 UL	39.00
23-114	100 UL	39.00

Fixed Needle Size .019" x .005" x 2", Bevel Point

VICI PRECISION SAMPLING D-140 SERIES LIQUID MICROSYRINGES



Designed for small volume injection into gas chromatographs, the D-140 contains the entire sample within the needle. A wire plunger withing the needle totally displaces sample, providing a high degree of precision. Low-dead volume design.

Total Sample Displacement

The entire sample is contained in the needle. The wire plunger in the needle displaces the sample, leaving a minimum of residual sample in the needle.

Easy Assembly and Disassembly

Major parts are threaded together in modular fashion. Precise guidance allows easy assembly of plunger into syringe.

Positive Rear Plunger Stop

Eliminates accidental plunger removal and resultant plunger damage which frequently occurs in competitive designs. Prevents plunger bending.

Easily Replaceable Teflon Seal

The Teflon plunger seal prevents leakage around the plunger. Sample blow-by or-loss is eliminated, which is a major reason for the reproducible results obtained with this syringe.

Modular Construction and Replaceable Parts

Teflon seals, needle, plunger and barrel are replaceable. Thanks to superior alignment, the disassembled Series D-140 can be assembled time after time without difficulty or damage.

SYRINGE			NEELDE (Pkg. of 3)		
Catalog Number	Size	Price	Catalog Number	Size/Type Point	Price
23-100	0-1 ml	\$62.00	23-100N	.019" x .005" x 2.5" / Blunt Tip	\$30.00
23-101	0-2 ml	62.00	23-101N	Blunt	30.00
23-102	0-5 ml	64.00	23-102N	Bevel	30.00
23-103	0-10 ml	64.00	23-103N	Side Post	48.00

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SYRINGES

VICI PRECISION SAMPLING CGV - 130 SERIES LIQUID MICROSYRINGES



The CGV-130 series syringe is the same construction as the CG-130, but has a side vent that can be used to fill or clean the syringe. Heavy, reinforced plunger housed within an enlarged "plunger guide" section of the barrel eliminates plunger-bending. Small front section of plunger is confined within the guide section even when plunger is retracted. Sturdy upper section of plunger absorbs force of a rapid down stroke. Handles gas pressures to 250 psi. If plunger-bending is a problem that's contributing to excessive syringe repair bills in your lab, our CGV-130 could be the solution. Available in 10 ul, 25 ul, 50 ul and 100 ul sizes with fixed needle.

Heavy Reinforced Plunger
Heavy reinforced plunger eliminates plunger bending.

Plunger Guide in Barrel
Smaller front section of plunger is confined within guide section.

Two Sizes
Fixed needles are available in .28" x .005" x 3.25" and .028" x .008 x 3.75" (50 ul & 100 ul only)

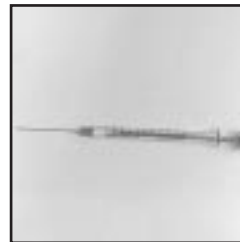
Pressure-Lok Teflon Plunger Tip
This tip is fabricated from virgin Teflon and is specially stress-formed, self-lubricating and durable.

Shaped Glass Flange
This prevents the syringe from rolling and provides a secure finger grip.

Side Vent
Allows for easy cleaning and filling of syringe.

Catalog Number	Syringe Size	Needle Size	Bevel Point	Price
23-160	10 ul	.028" x .005" x 3.25"	Bevel Point	\$70.00
23-161	25 ul	.028" x .005" x 3.25"	Bevel Point	70.00
23-162	50 ul	.028" x .005" x 3.25"	Bevel Point	70.00
23-163	50 ul	.028" x .008" x 3.75"	Bevel Point	75.00
23-164	100 ul	.028" x .005" x 3.25"	Bevel Point	70.00
23-165	100 ul	.028" x .008" x 3.75"	Bevel Point	75.00

VICI PRECISION SAMPLING SERIES D GAS SYRINGES



This is our high-precision, no frills gas syringe. An economically priced gas sampling syringe which still affords more features than conventional gas-tight designs: leak-tight, Pressure-Lok plunger tip; no dead-volume barrel design; and special low-dead volume needle connector for accurate gas samples.

SYRINGE			NEELDE (Pkg. of 3)		
Cat. No.	Size	Price	Cat. No.	Size/Type Point	Price
23-170	1 ml	\$	14-1008	.029"x.012"x2" Bevel, Open-end	\$40.00
23-171	2 ml		14-1008	.029"x.012"x2" Bevel, Open-end	40.00

VICI PRECISION SAMPLING MINI NERT VALVES



CRIMP-TOP VIALS

Teflon Construction For Inertness
Only Teflon and glass come in contact with contents.

Fail-Safe Back-up Seal
Seals the needle during sampling, but not exposed to contents when the valve is closed. No swelling, leakage, or absorptions as with ordinary closures. Easily replaced without exposing vial contents to the atmosphere.



One-handed Operation
Simple, push-button action – green to open, red to close.

Catalog Number	Description	Price
23-195	Fits crimp-top vials with 20 mm finish Pack of 12 pcs.	\$90.00

VICI PRECISION SAMPLING SERIES C GAS SYRINGES

This is the syringe for everyday use in lab sampling. This is a heavy duty gas syringe, featuring positive rear plunger stop and special low-dead volume, removable needle. It does not have sample storage capability.



SYRINGE			NEELDE (Pkg. of 3)		
Catalog Number	Size	Price	Catalog Number	Size/Type Point	Price
23-175	0.10 ml	\$41.00	23-185	.029" x .012" x 2" Bevel, Open-end	\$20.00
23-176	0.25 ml	43.00	23-186	.029" x .012" x 2" Bevel, Open-end	20.00
23-177	0.50 ml	43.00	23-187	.029" x .012" x 2" Bevel, Open-end	20.00
23-178	1 ml	43.00	23-188	.029" x .012" x 2" Bevel, Open-end	20.00
23-179	2 ml	45.00	23-189	.029" x .012" x 2" Bevel, Open-end	20.00
23-180	5 ml	46.00	23-190	.029" x .012" x 2" Bevel, Open-end	20.00
23-181	10 ml	49.00	23-191	.029" x .012" x 2" Bevel, Open-end	20.00

SLS-LUX Scientific

SYRINGES

VICI PRECISION SAMPLING C-160 SERIES LIQUID MICROSYRINGES

For its day-in, day-out dependability and economical price, the C-160 has become our most popular microsyringe. It's available with fixed and removable needles, handles gas samples as easily as liquids, and is gas tight to 250 si.

Ultra Smooth Bore

High quality borosilicate glass provides extremely smooth bore to insure a durable plunger seal.

Removable Needles

A special pressure-tight, low-dead volume connection facilitates easy replacement and removal of needles and insures a leak tight fit. New seals are supplied with all replacement needles.

Teflon Plunger Needle

This tip is fabricated from virgin Teflon and is specially stress-formed, self-lubricating and durable.

Teflon Sealed Needle

A barrier sleeve of Teflon on the rear of the needle isolates the sample from the needle cement, thus preventing possible dissolution of the cement or contamination of the sample.

Shaped Rear Flange

This prevents the syringe from rolling and provides a secure finger grip.



Catalog Number	Size	Type	Price
23-130	5 UL	Fixed Needle	\$26.00
23-131	5 UL	Removable Needle	40.00
23-132	10UL	Fixed Needle	20.00
23-133	10 UL	Removable Needle	27.00
23-134	25 U31.00L	Fixed Needle	24.00
23-135	25 U33.00L	Removable Needle	31.00
23-136	50 U35.00L	Fixed Needle	26.00
23-137	50 UL	Removable Needle	33.00
23-138	100 UL	Fixed Needle	28.00
23-139	100 UL	Removable Needle	35.00

Fixed Needle Size .019" x .005" x 2"

Removable Needle Size .019" x .005" x 2.25"

Type: Bevel, Open End

Pack of 3 Catalog No. 23-140

Price: \$24.00

VICI PRECISION SAMPLING A-2 SERIES GAS SYRINGES

The Pressure-Lok A-2 syringe is our best and most popular gas syringe. It features a unique push-button valve which allows sample storage capability in syringes as small as 25ul. This is particularly useful when handling small liquid samples containing low-boiling components which would be lost through evaporation using ordinary syringes.

In addition to sample storage capability, the push-button valve allows for pre-pressurization of samples prior to injection. By pre-pressurizing the sample gas to match or exceed the pressure in the chromatograph, the sample can be flushed instantaneously into the column as a "slug", as the illustrations show.

Low Dead Volume With Removable Needle

When plunger is fully depressed, plunger face comes into firm, flush contact with the bottom of the front packing, forcing virtually all of the sample out.

Pressure-Lok Plunger Tip

Fabricated of virgin Teflon and stress-formed to stay leak-tight from vacuum to 250psi.

Positive Rear Stop

Prevents plunger from blowing out of barrel at elevated pressures, protecting against accidental sample loss or possible operator injury on the 25 ml to 10 ml models.

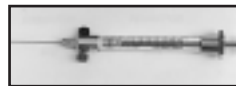
Push Button Valve

Allows sample to be stored in syringe and pre-pressurization of sample prior to injection.

Replaceable Parts

The A-2 can be quickly disassembled for easy cleaning or replacement.

Like all Pressure-Lok models, the A-2 starts out leak-tight and stays leak-tight. The A-2 uses a special needle and needle connector designed specifically for chromatography or other analytical sampling, with significantly lower dead volume than conventional style Luer connectors.



SYRINGE			NEEDLE		
Catalog Number	Size	Price	Catalog Number	Size/Type	Price
23-145	25 UL	\$59.00	23-145N	.028" x .005" x 2", Bevel point	\$20.00
23-146	50 UL	59.00	23-146N	.028" x .005" x 2", Bevel point	20.00
23-147	0.10 UL	62.00	23-147N	.028" x .005" x 2", Bevel point	20.00
23-148	0.25 UL	62.00	23-148N	.029" x .012" x 2", Bevel point	20.00
23-149	0.50 UL	62.00	23-149N	.029" x .012" x 2", Bevel point	20.00
23-150	1 ml	64.00	23-150N	.029" x .012" x 2", Bevel point	20.00
23-151	2 ml	64.00	23-151N	.029" x .012" x 2", Bevel point	20.00
23-152	5 ml	67.00	23-152N	.029" x .012" x 2", Bevel point	20.00
23-153	10 ml	67.00	23-153N	.029" x .012" x 2", Bevel point	20.00

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SYRINGES

VICI PRECISION SAMPLING SERIES A GAS SYRINGES PRESSURE-LOK

Same advantages of the A-2 syringe, but with a turn valve instead of a push-button valve.

Sample Storage Valve

An integral part of the syringe front, valve permits storage of samples either at sub-ambient pressures or elevated pressures to 250 psi. Ideal for discrete sampling and storage. Also permits pre-pressurization of sample prior to injection. This eliminates back-flushing of carrier gas, which generally results in sharper peaks and, therefore, better separations.

Low-Dead Volume

When plunger is fully depressed, plunger face comes into firm, flush contact with the bottom of the front packing, forcing virtually all of the sample out. Practically no compressible dead volume remains. Volume of the needle is also minimized by its very small internal diameter.

Positive Rear Flange Plunger Stop

Prevents plunger from blowing out of barrel at elevated pressures, protecting against accidental sample loss or possible operator injury on the 0.25 ml to 10 ml.

Pressure-Lok Plunger Tip

Fabricated of virgin Teflon and stress-formed to stay leak-tight from vacuum to 250 psi. Self-lubricating for smooth operation.

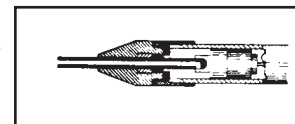
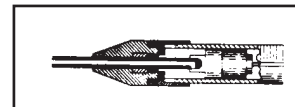
Modular Construction

All components of the Series A gas syringe may be quickly disassembled for easy cleaning or replacement. Extra barrel assemblies, needles, front seals, plunger tips, etc. may be ordered for most sizes.

How The Series A Turn-Valve Works

Turn the nosepiece counter-clockwise two turns, and the channel is closed. Sample may then be stored or pressurized.

Turn the nosepiece clockwise two (2) quick turns to open channel for sample injection. Push plunger as you turn valve.



SYRINGE			NEELDE (Pkg. of 3)		
Catalog Number	Size	Price	Catalog Number	Size/Type Point	Price
23-195	0.1 ml	\$62.00	23-205	.028" x .012" x 2.25" Tapered, Bevel Tip	\$20.00
23-196	0.2 ml	62.00	23-206	.028" x .012" x 2.25" Tapered, Bevel Tip	20.00
23-197	0.5 ml	65.00	23-207	.028" x .012" x 2.25" Tapered, Bevel Tip	20.00
23-198	1 ml	65.00	23-208	.028" x .012" x 2.25" Tapered, Bevel Tip	20.00
23-199	2 ml	65.00	23-209	.028" x .012" x 2.25" Tapered, Bevel Tip	20.00
23-200	5 ml	68.00	23-210	.028" x .012" x 2.25" Tapered, Bevel Tip	20.00
23-201	10 ml	68.00	23-211	.028" x .012" x 2.25" Tapered, Bevel Tip	20.00

VICI PRECISION SAMPLING GAS SYRINGES MAGNUM PRESSURE-LOK

Built-in Twist Lock Valve Capacities Up To 500ml Leak-Tight To 30 PSI Or Nearly 2 Atmospheres Volumetric Accuracy To 1% Positive Rear Plunger Stop Heavy-Duty Construction Easy To Disassemble

Detection of low concentration levels of various environmental contaminants often require extraordinarily large samples. The main requirements for a system to satisfactorily handle such large samples of such a critical nature are that it be leak-tight, easy-to-use and made of inert materials to be as free as possible from background contamination. Pressure-Lok Magnum Gas Syringes were designed with these requirements in mind.

Pressure-Lok Magnums facilitate trapping of samples in remote locations. A built-in valve allows the samples to be reliably sealed within the syringe, thereby maintaining sample integrity during transportation to the analysis site. Pressure-Lok Magnums have been used successfully for sampling atmospheric contaminants such as sulfur dioxide and oxides of nitrogen at distant points of the earth. The positive displacement capability of the durable Teflon plunger seal permits use in a variety of subsequent procedures which involve extraction or concentration of trace components (for example, with a cryogenic enrichment apparatus).

Pressure-Lok Magnums are among the largest gas-tight syringes of inert Teflon and glass construction available. Yet, in spite of their size and their heavy duty construction, Pressure-Lok Magnums are easy to handle and operate. Specially formed Teflon seals permit leak-tight operation to 30 psi (approximately 2 atmospheres). Because it is obviously dangerous to over-pressure any glass container, the internal pressure of Pressure-Lok Magnum Gas Syringes should never be allowed to exceed 2 atmospheres.

For versatility, the standard termination of the Magnum syringe is a female threaded fitting which accepts a variety of male connector fittings or adapters (1/4" x 28 thread).

SYRINGE			NEELDE (Pkg. of 3)		
Catalog Number	Size	Price	Catalog Number	Size/Type Point	Price
23-215	20 ml	\$280.00	23-230	.035" x .023" x 2" Tapered, Bevel Tip	\$20.00
23-216	20 ml (Luer-Lock)	285.00	23-230L	.035" x .023" x 2" Tapered, Bevel Tip	20.00
23-217	50 ml	290.00	23-231	.035" x .023" x 2" Tapered, Bevel Tip	20.00
23-218	50 ml (Luer-Lock)	295.00	23-231L	.035" x .023" x 2" Tapered, Bevel Tip	20.00
23-219	100 ml	330.00	23-232	.035" x .023" x 2" Tapered, Bevel Tip	20.00
23-220	100 ml (Luer-Lock)	335.00	23-232L	.035" x .023" x 2" Tapered, Bevel Tip	20.00
23-221	250 ml	440.00	23-233	.035" x .023" x 2" Tapered, Bevel Tip	20.00
23-222	250 ml (Luer-Lock)	445.00	23-233L	.035" x .023" x 2" Tapered, Bevel Tip	20.00
23-223	500 ml	490.00	23-234	.035" x .023" x 2" Tapered, Bevel Tip	20.00
23-224	500 ml (Luer-Lock)	495.00	23-234L	.035" x .023" x 2" Tapered, Bevel Tip	20.00



SLS-LUX Scientific

SYRINGES / BENCH SURFACE PROTECTOR

VICI PRECISION SAMPLING MININERT VALVES



FOR SCREW-CAP VIALS

Economical To Use
Mininert Valves save time and money through conservation of reagents, etc., and are reusable.

Usable to 105°F and 120 psi

ASTM Approvec For Method D4307

12 Pieces Per Pack

Catalog Number	Description	Price
23-240	Fits 13 mm - 425 Screw Cap	\$66.00
23-241	Fits 15mm - 425 Screw Cap	68.00
23-142	Fits 18 mm - 400 Screw Cap	72.00
23-243	Fits 20 mm - 400 Screw Cap	76.00
23-244	Fits 24 mm - 400 Screw Cap	80.00

VICI PRECISION SAMPLING LIQUID SYRINGE PURGE & TRAP



The Environment Purge and Trap syringe was specially designed with the chromatographer in mind. Its heavy duty construction helps eliminate replacement cost due to breakage. The unique design eliminates injuries due to breaking of glass while in the hands of the user. The leak-tight plunger is fabricated from virgin Teflon and specially stress-formed. All environmental syringes are repairable.

Pressure-Lok Plunger Tip

Plunger tips in the environmental syringes are fabricated of Teflon to be leak-tight.

Luer-Lock

All syringes have Luer-Lock for use with purge and trap analysis.

Heavy Duty Rear Flange

Flat edges on rear flange prevents the syringe from falling.

Frosted Glass on Syringe Barrel

A portion of the syringe barrel is frosted to allow easy reading of sample volume. Can be used to write contents of sample in the syringe.

Catalog Number	Size	Price
23-251	5 ml	\$54.00
23-252	10 ml	54.00

FOAM BENCH, DRAWER, SHELF LINERS



Surface covering for the protection of valuable glassware

Convenient to Use ...

A resilient surface that helps to cushion sensitive instruments against vibration and can reduce breakage. Provides surface protection from chemicals, heat, dirt and broken glass. Can be easily cut to exact desired size. May be taped or otherwise secured in place. Either side is usable. Save money, use one side until dirty and then turn it over.

Unique Features:

- Closed-cell electron irradiation cross-linked polyethylene foam
- Matt - white
- Nonabsorbent
- Chemically resistant
- 2 lb. density
- Tape, staple or tack in place
- Nonwetting for easy cleaning
- Usable both sides
- No chlorofluorocarbon blowing agents used

Multiple Sizes ...

ROLLS:	Catalog Number	Price
12" wide x 1/8" thick	25-100	\$42.00
18" wide x 1/8" thick	25-101	55.00
30" wide x 1/8" thick all in 50 feet length	25-102	86.50
SHEETS:		
1/4" thickness only		
10 1/2" x 12"	25-105	20.00
16" x 21"	25-106	24.20
6 Per Carton		



ABSORBENT LINERS

Protect surfaces ...
Absorbs liquids

Convenient to Use ...

Protect benchtops, floors and carts with this highly absorbent cover. Keeps spills from spreading.

Cushions the surface while absorbing liquids. Backing is waterproof and resistant to most chemicals. Made of highly absorbent polymeric non-wovens with a polypropylene backing.

Unique Features:

- Absorbs Spills
- Retains Liquids
- Soft and durable
- Can be cut to size
- Easy to use
- Inexpensive

Multiple Sizes ...

ROLLS:	Price
25-110 - 20" x 50' in dispenser box	\$ 20.75
25-111 - 20" x 300' one roll	65.00
25-112 - 20" x 300' two rolls	119.00

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BENCH SURFACE PROTECTOR / DROPPERS

BOTTLES WITH GLASS DROPPERS

Supplied with rubber bulb, glass pipet, cap, assembled to bottles.



GLASS BOTTLES

Catalog Number	Description	Case Pack	Case Price
26-200	1/2 oz Boston Round Clear	48	\$45.02
26-201	1/2 oz Boston Round Amber	48	45.02
26-202	1 oz Boston Round Clear	48	47.34
26-203	1 oz Boston Round Amber	48	47.34
22-204	2 oz Boston Round Clear	48	53.76
22-205	2 oz Boston Round Amber	48	53.76
22-206	4 oz Boston Round Clear	24	28.87
22-207	4 oz Boston Round Amber	24	28.87

PLASTIC BOTTLES - Low Density Polyethylene

Catalog Number	Description	Case Pack	Case Price
26-210	1/2 oz Boston Round Natural	48	\$45.02
26-211	1 oz Boston Round Natural	48	\$47.34
26-212	2 oz Boston Round Natural	48	\$53.76
26-213	4 oz Boston Round Natural	24	\$28.87

TEFLON® SURFACE PROTECTOR

Available in Teflon/Vinyl and Teflon/Aluminum Foil

TEFLON/VINYL

.001" Teflon bonded to .008" vinyl general purpose surface protector that provides a corrosion resistant, smooth surface. Recommended for applications up to 200°F

TEFLON/ALUMINUM FOIL

.001" Teflon bonded to .002" Aluminum Foil. Recommended for high temperature surface protection for applications over 200°F but less than 400°F.

Self-Adhesive Teflon-on-Vinyl or Teflon-on-Foil overlays protect work surfaces from virtually all corrosive chemicals and contamination. Provides an inexpensive way to protect bench tops, counter tops, fume hoods, virtually any surface from corrosive chemicals.

Works like contact paper. Simply cut with scissors or knife to fit. Peel off backing material and press into place. Can be pulled up and repositioned if necessary.



TEFLON/VINYL BACKED

Catalog Number	Size	Price/Roll
25-115	12.5" wide x 15 foot	\$ 51.00
25-116	18" wide x 15 foot	72.00
25-117	29" wide x 9 foot	103.00
25-118	29" wide x 18 foot	199.00
25-119	25" wide x 15 foot	97.00

TEFLON/ALUMINUM FOIL BACKED

Catalog Number	Size	Price/Roll
25-125	25" wide x 15 foot	\$154.00

VIALS WITH GLASS DROPPERS

Supplied with rubber bulb, glass pipet, cap, assembled to vials.



Catalog Number	Description	Case Pack	Case Price
26-100	2 ml 12x32mm Clear	100	\$61.20
26-101	2 ml 12x32mm Amber	100	64.20
26-102	4 ml 15x45mm Clear	100	64.20
26-103	4 ml 15x45mm Amber	100	67.40
26-104	2 dram 17x60mm Clear	100	69.40
26-105	2 dram 17x60mm Amber	100	72.80
26-106	3 dram 19x65mm Clear	100	76.40
26-107	3 dram 19x65mm Amber	100	78.60
26-108	4 dram 21x70mm Clear	100	82.60
26-109	4 dram 21x70mm Amber	100	85.00
26-110	6 dram 23x85mm Clear	100	89.30
26-111	6 dram 23x85mm Amber	100	92.00

GLASS DROPPERS

Supplied with rubber bulb, glass pipet, cap, assembled to vials.



Catalog Number	Size	Description	Pack	Price
26-130	4x34mm	Fits 2ml 12x32 glass vial	100	\$50.00
26-131	4x46mm	Fits 4ml 15X45 glass vial	100	52.50
26-132	5x66mm	Fits 3 dram vial and 1/2 oz. LDPE Boston Round	100	55.00
26-133	7x66mm	Fits 4 dram vial and 1/2 oz. Glass Boston Round	100	57.80
26-134	7x75mm	Fits 1 oz Glass Boston Round and 1 oz and 2 oz LDPE Boston Round	100	60.70
26-135	7x86mm	Fits 6 dram vial	100	63.80
26-136	7x89mm	Fits 2 oz Glass and LDPE Boston Round	100	67.00
26-137	7x108mm	Fits 4 oz Glass and LDPE Boston Round	100	70.30

SLS-LUX Scientific

DISSECTING INSTRUMENTS



SF-2
4½" straight, fine points, serrated handles and tips, or smooth handle, serrated tips. Regular Points or extra Sharp Points...Nickle Plated.

Price
\$5.13



A-63
5" straight, fine points, serrated handles and tips. Nickle Plated.

Price
\$14.55



SF-3
4½" straight, fine points, serrated handles and tips, Nickle Plated, with or without guide pins.
SF-3-C...Chrome Plated
SF-3-S...Stainless Steel

Price
\$13.85



A-64
5" straight, broad points, serrated handles and tips. Nickle Plated.

Price
\$14.48



SF-4
4½" curved, fine points, serrated handles and tips. Nickle Plated, with or without guide pins.
SF-4-C...Chrome Plated
SF-4-S...Stainless Steel

Price
\$13.96



1906
4" square flat tips, curved serrated handles, without guide pins. Nickle Plated.

Price
\$16.44



SF-5
4½" straight, medium points, serrated handles and tips. Nickle Plated with guide pins.

Price
\$13.85



1904
4½" straight, square flat tips, serrated handles, with guide pins. Nickle plated

Price
\$16.44



SF-6
4½" curved, medium points, serrated handles and tips. Nickle Plated with guide pins.

Price
\$15.09



1908
4½" Novy Style, one tip square and flat, the other tip is fine point and curved. With guide pin. Nickle plated.

Price
\$21.24



A-250
4½" Microscopic Scissors. Straight Blades, fine point. Nickel or Chrome Plated. Blades ground inside.

Price
\$33.52



B-250
Same as A-250 only with Curved Blades. Nickel or Chrome Plated.

Price
\$33.53



3000
Nichrome wire needle. 8" Aluminum handle with 3" nichrome wire, 25 guage, needle.

Price
\$9.16



3001
Nichrome wire loop. 8" Aluminum handle with 3" nichrome wire, 25 guage, loop.

Price
\$9.16

Prices are for Packs of 12 Pieces

1 - 8 0 0 - 2 2 0 - 7 5 7 4

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DISSECTING INSTRUMENTS



4½", 5", 5½", 6", 8", 10", 12" *(See Below)

Thumb Forceps—broad tips, straight, serrated handles and tips. With guide pins. Chrome Plated.



A-66

5½" straight, broad points, Chicago Pattern, serrated handles and tips. Nickel Plated.

Price \$22.62



A-67

5½" straight, broad points, Coxeter, serrated handles and tips. Nickel Plated.

Price \$22.62



P-4½"

4½" rounded, serrated tips, serrated handles with gooseneck shanks. No pins. Nickel Plated.

Price \$21.98



C-21

Screw Lock Handle w/screws, not assembled. Nickel Plated.

Price \$16.52



C-22

Screw Lock Scalpels w/#22 Blades assembled. Nickel Plated.

Price \$25.15



52-S

Straight Teasing Needle in 4" wooden handle.

Price \$1.37



52-C

Curved Teasing Needle in 4" wooden handle.

Price \$1.49



54-S

Straight Teasing Needle "Only".

Price \$.30



54-C

Curved Teasing Needle "Only"

Price \$.61



H-35

3" Hex Style Needle Holder. Nickel Plated Brass. Screw device to hold needle in place. Assembled with 1 straight needle.

Price \$17.85



F-14

6" Flexible Probe Olive pointed tip.

Price \$14.10



R-11

6" Nickel Plated Steel. Angled tip Semi-blunt. Mall Probe, Round Steel.

Price \$16.59



29

Flesh Hooks, double prongs 2½" Nickel.

Price \$9.67



RUSSIAN 4½" & 5½"

Chrome Forceps with serrated handles and No pins. Available in 4½" and 5½".

Price \$18.25
5½" 19.49



27

2¼" Straight, Artery Clamp, Chrome Plated.

Price \$34.58



28

2¼" Curved, Artery Clamp, Chrome Plated.

Price \$37.71



USA

Forcep—3" Square tip, Chrome Plated.

Price \$4.15



SSW

Watchmaker Forcep—4" Stainless Steel, very fine points.

Price \$79.71



A-125

4½" Student quality Dissecting Scissors. Available with Nickel or Chrome Plating. Blades Straight.

Price \$16.02

A-125-G Same as regular A-125 only blades are ground.

19.71

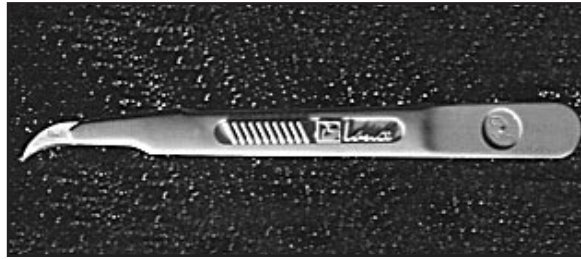
		Catalog No.
4½"	Thumb Forceps Chrome	\$24.52 27-4.5
5"	Thumb Forceps Chrome	25.26 27-5
5½"	Thumb Forceps Chrome	26.68 27-5.5
6"	Thumb Forceps Chrome	29.67 27-6
8"	Thumb Forceps Chrome	47.43 27-8
10"	Thumb Forceps Chrome	62.80 27-10
12"	Thumb Forceps Chrome	79.16 27-12

Prices are for Packs of 12 Pieces

LANCE SCALPELS

Lance sterile disposable scalpels are packaged 10 per box, 50 boxes per case. Each scalpel is packaged in a sterile peel-open package and is supplied with a flexible blade cover for user protection. Available in sizes 10-24.

Lance non-sterile scalpels are packaged 100 per box, and are available in size 11, 15 and 20.



Non-Sterile

Size	Catalog Number	Package Quantity	Price
11	27-101	100	\$43.00
15	27-103	100	43.00
20	27-104	100	43.00

Sterile

Catalog Number	Package Quantity	Price
27-100S	10	\$8.50
27-101S	10	8.50
27-102S	10	8.50
27-103S	10	8.50
27-104S	10	8.50
27-105S	10	8.50
27-106S	10	8.50

DISPOSABLE SCALPELS - CINCINNATI SURGICAL

Cincinnati Surgical Scalpels incorporate the C/S superior stainless steel blade on a uniquely designed handle. Each scalpel is supplied with a flexible blade cover for complete user protection.

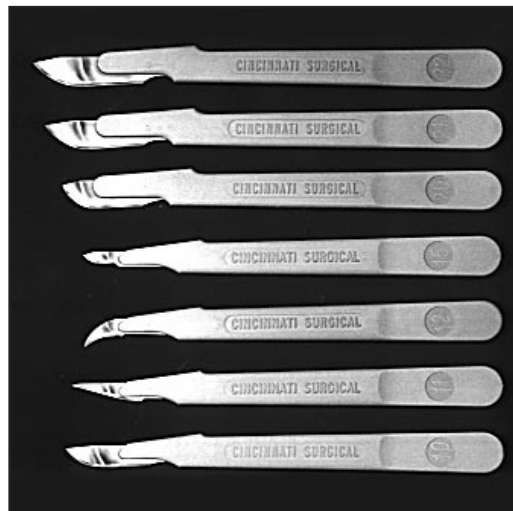
Sterile Scalpels are packaged 10 per box. Non-sterile Scalpels are packaged 100 per box.

NON-STERILE

Size	Catalog Number	Package Quantity	Price
10	27-120	100	\$42.00
11	27-121	100	42.00
12	27-122	100	42.00
15	27-123	100	42.00
20	27-124	100	42.00
21	27-125	100	42.00
22	27-126	100	42.00

STERILE

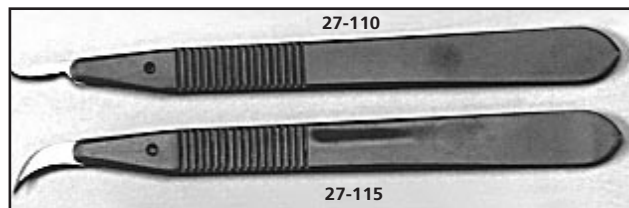
Size	Catalog Number	Package Quantity	Price
10	27-120S	10	\$ 7.50
11	27-121S	10	7.50
12	27-122S	10	7.50
15	27-123S	10	7.50
20	27-124S	10	7.50
21	27-125S	10	7.50
22	27-126S	10	7.50



MARTIN SPECIALTY SCALPELS

AVAILABLE STERILE ONLY

Size	Catalog Number	Package Quantity	Price
12D	27-115	10	\$14.00
15C	27-110	10	14.00



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GERM KILLING PRODUCTS

A NEW BROAD SPECTRUM DISINFECTANT WHICH CLEANS TOO!

Envirocide™ disinfects within 10 minutes with a broad spectrum of efficacy: HIV-1 (AIDS virus) • Mycobacterium tuberculosis (TB) • Herpes simplex type 1 & 2 • Polio virus type 1 & 2 • Coxsackievirus • Staphylococcus aureus • Escherichia coli • Streptococcus • Pseudomonas aeruginosa • Salmonella choleraesuis • Tricholhyton mentagrophytes • Aspergillus niger • mold, mildew, and many more. Envirocide is two products in one. Its detergent action cleans and disinfects and it does not contain toxic phenols, bleach or glutaraldehyde that require precautions such as skin, eye or respiratory protection. It is nontoxic, nonstaining, noncorrosive and will not discolor surfaces. Envirocide comes ready to use, there is no dilution, mixing or activation which reduces the risk of errors, exposure, spills and waste, and is biodegradable for easy disposal with no special handling required. It will not harm sanitation systems, is EPA registered and approved and meets OSHA requirements (29 CFR Part 1910.1030, OSHA Instructions CPL 2-2.44B).



24-110	Envirocide 24oz. w/sprayer	\$ 8.22	ea.
24-111	Envirocide 1 gal. refill	21.71	ea.
24-112	Envirocide 5 gal. w/spout	80.88	ea.

SCRUBCARE™ ANTIMICROBIAL NON-AEROSOL BARRIER CREAM REDUCES IRRITATION FROM LATEX, POWDER AND CHEMICALS

ScrubCare contains PCMX to help protect against pathogenic microorganisms and Aloe Vera to soothe and heal dry, chapped or cracked hands. ScrubCare dries quickly, so you don't have to wait to put your gloves on, and unlike other competing products, it contains no mineral oil or petrolatum both of which can weaken or breakdown latex. ScrubCare contains skin protectants and Silicone to provide a lasting barrier on the skin which increases water and chemical repellency. It protects skin from repeated washings and reduce irritation from latex, powder and chemicals.



24-115	ScrubCare, 18oz. Pump Bottle	\$11.27	ea.
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VIONEX® ANTIMICROBIAL SOAP PROTECTS, SOOTHES AND MOISTURIZES

Vionex Antimicrobial Soap should be an essential part of the Exposure Control Program in every lab. It complies with all OSHA hand washing regulations in the lab, using Nonoxynol-9 and PCMX to kill and inhibit a broad spectrum of pathogenic microorganisms, yet will not damage skin. Non-irritating, fresh-smelling Vionex contains skin moisturizers and conditioners which prevent chapping and cracking, and reduce irritation even with frequent hand washing. It is packaged in a convenient 18oz. refillable pump bottle, and is also available in a economical 1 gallon size for refilling bottles.



24-120	Vionex Soap, 18 oz bottle	\$ 9.40	ea.
24-121	Vionex Soap, 1 gal. bottle	30.91	ea.

KILL BACTERIA AND VIRUSES FAST

Cide-Swipes™ kill bacteria and viruses in just 60 seconds, ten times faster than most disinfectants, eliminating the problem of drying too fast or being wiped off too soon. They are safer than mixing concentrates and are in the E.P.A.'s safest toxicity category for disinfectants.

Economical, waste-free Cide-Swipes need no applicator, gloves, dispensing bottles or labor costs in mixing and dispensing concentrates. The 8.5" x 11 heavy duty individually packed towellettes are convenient for treating angular and uneven surfaces and make precise disinfecting a simple procedure. The pads are ideal for treating work benches and other flat surfaces. Thin foil makes them easy to handle. Bacteria and viruses Cide-Swipes have been found effective in killing include: • Pseudomonas aeruginosa • Staphylococcus aureus • Salmonella choleraesuis • Proteus mirabilis • Serratia marcescens • Escherichia coli • Staphylococcus faecalis • Polio Virus I • Herpes Type I • Herpes Type II.



24-1001	Cide-Swipes Towellettes	box/25	\$ 27.00
24-101	Cide-Swipes Towellettes	cs/100	106.10
24-102	Cide-Swipes Pads	box/50	30.68
24-103	Cide-Swipes Pads	cs/200	116.90

SLS-LUX Scientific

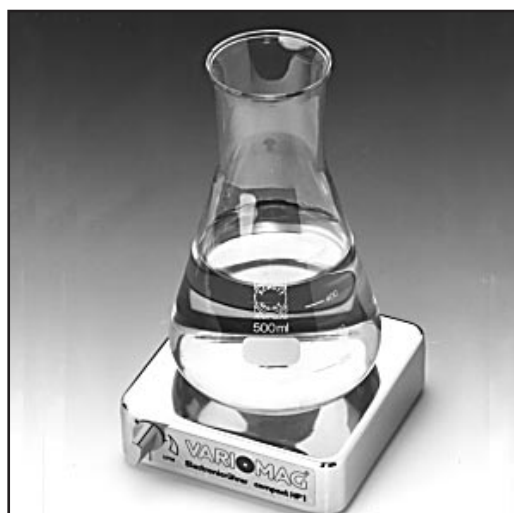
STIRRERS

ELECTROMAGNETIC STIRRERS

noiseless, Heatless, Superflat with 1, 6, 15 or 60 Points

The first superflat, fully electronic magnetic stirrers for the laboratory with no moving parts, hermetically molded in a stainless steel housing, provide limitless service-free operation. Impervious to moisture, corrosion, dust and dirt, they can be disinfected and totally immersed in water for cleaning (even the control panel is water tight). Since there are no moving parts there is nothing to wear out. Operation is noiseless and there is no heat emission to effect growing biological cultures.

These quite compact stirrers, scarcely larger than the stirring vessels themselves, can be operated in cold rooms, ovens and incubators, in dust-laden environments, corrosive vapors, even in 100% humidity. Ambient temperature range is -10° to +50°C.



MULTIPOINT STIRRERS SUPER FLAT! SUPER EFFICIENT!



Multiple stirring and shaking systems with 6, 15, and 60 stirring points. 6 and 15 point models accept 6 each 100ml Erlenmeyer flasks, the 15 point model accepts up to 15 each 250ml beakers, and the 60 point model accepts 60 centrifuge tubes 16 to 25mm dia. and/or 60 flasks and beakers up to 50ml. Irrespective of number and assortment of vessels, all stirring bars rotate in a synchronous manner, ensuring 100% comparability of samples.

Two types of stirring actions are available. Touch the stir key and the stirring bars automatically center and start to stir. To prevent vortexing, touch the shake key and the stirring bars reverse every half rotation, producing a shaking action. Stirring range: 100 to 850 rpm; shaking range: 100 to 850 spm. Dimensions: 420 x 240 x 35mm, stirring point distances: 6 pt. model=130mm; 15 pt. model=65mm; 60 pt. model=32mm. NOTE: for viscous fluids or where high rpms are required the 20 watt models are recommended.

COMPACT SINGLE STIRRERS

Adjustable magnetic power and input wattage, allowing a stable rotation of large or small stirring bars. Stirring range: 100 to 1000 rpm.

Catalog Number	Description	Price
14-100	Single Stirrer, 4 watts	ea. \$350.00
14-110	5 Single Stirrer, 3 steps selectable power supply, 1, 2.5 and 4 watts	ea. 375.00

Catalog Number	Description	Price
14-115	Stirrer, 6 pts, 7 watts	ea. \$1250.00
14-116	Stirrer, 6 pts, 20 watts	ea. 1565.00
14-117	Stirrer, 15 pts, 7 watts	ea. 1495.00
14-118	Stirrer, 15 pts, 20 watts	ea. 1775.00
14-119	Stirrer, 60 pts, 7 watts	ea. 2450.00
14-120	Stirrer, 60 pts, 20 watts	ea. 2750.00

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SOLVENT FILTRATION AND DEGASSING

HPLC SOLVENT FILTRATION AND DEGASSING

All Teflon® Filter-Degasser – the Simple Approach to Solvent Purification

- All Teflon construction – inert to most solvents, aqueous or organic
- Simple to install – fits directly on your standard solvent bottles or Erlenmeyer flasks.
- Simple and economical to use – attach to any available vacuum line, put in the filter and you're operational.
- In-line device can filter/degass 1 gallon in less than 10 minutes.
- Vacuum line also establishes siphon to transfer solvent to storage bottle.

Filtration and degassing of solvents and samples prior to analysis is recommended by most instrument manufacturers. Instrument manufacturers understand that particulate matter in solvents can cause damage to expensive pumps, clog analytical columns, and in general cause wear and tear to the instruments.

The combination of particulate matter and dissolved gasses in solvents can also create spurious peaks or can result in baseline instability. Dissolved oxygen in solvents can cause direct interference with fluorescence and electrochemical detectors.

HPLC grade solvents, even though filtered prior to shipment by the manufacturer, can accumulate particles during storage due to shedding from the solvent containers and solvent condensation or polymerization. The use of salts and buffers can also significantly contribute to particles in the mobile phase.

Filtration and degassing of solvents with the LAZAR.

Filter/Degasser reduces instrument down-time, prolongs the life of the analytical columns, pumps, and valves and most importantly helps the instrument perform in optimal fashion.

Versatility and Flexibility

The LAZAR Filter-Degasser can be used to accommodate almost all HPLC applications. For most isocratic applications, the Filter-Degasser can be directly screwed onto the popular 1 liter HPLC solvent/reservoir bottle (38mm cap). In this fashion, it is not necessary to further transfer the filtered-degassed solvent where reabsorption of gasses as well as particle contamination can further occur. 28mm and 33mm caps for 250 and 500ml bottles are also available.

The Filter-Degasser with 38mm cap also fits on the standard one gallon (4 liter) solvent bottle for filtration and degassing of solvent without requiring an operator's attention. A gallon of solvent can usually be filtered in less than 10 minutes. Further, the Filter-Degasser is also available with 24/40 and 19/22 standard taper for use with various Erlenmeyer and volumetric flasks. In addition it can be used with a 40/35 standard taper for use with the Millipore® type filtration flasks.



Catalog No.	Item	Description	Price
15-100	Filter Degasser	with 38mm cap.	\$469.00
15-101	Filter Degasser	with 33mm cap.	469.00
15-102	Filter Degasser	with 28mm cap.	469.00
15-103	Filter Degasser	with 24/40 std. taper.	469.00
15-104	Filter Degasser	with 19/22 std. taper.	469.00
15-105	Filter Degasser	with 40/35 std. taper.	469.00
15-106	Filter Membranes (47mm dia., 0.2 micrometer porosity)	Teflon filter membranes for organic solvents, pkg of 10,	77.26
15-110	Filter Membranes (47mm dia., 0.45 micrometer porosity)	Hydrophillic filter membranes for aqueous solvents, pkg of 10.	50.00
15-115	Chempure Filtration System	with 38mm cap.	327.08
15-116	Chempure Filtration System	with 33mm cap.	327.08
15-117	Chempure Filtration System	with 28mm cap.	327.08
15-118	Chempure Filtration System	with 24/40 std. taper.	327.08
15-119	Chempure Filtration System	with 19/22 std. taper.	327.08
15-120	Chempure Filtration System	with 40/35 std. taper.	327.08
15-121	Chempure Filtration System	Teflon funnel extender	127.00
15-122	Filter Membranes (47mm dia., 0.2 micrometer porosity)	Teflon Filter membranes for organic solvents, pkg of 10.	77.26
15-125	Filter Membranes (47mm dia., 0.45 micrometer porosity)	Hydrophillic filter membranes for aqueous solvents, pkg of 10.	77.26
15-130	Vacuum Filtration Manifold System	with 3 Filter-Degassers.	1915.90
15-131	Vacuum Filtration Manifold System	with 3 chempures.	1915.90
15-132	Vacuum Filtration Manifold System	without filtration units.	352.00

SLS-LUX Scientific

TUBES

TEST TUBES

Precision-molded from premium grade polystyrene or polypropylene, these general purpose tubes are ideal for a wide range of applications.

CONVENIENT AND RELIABLE

- Prevents the breakage problems associated with glass test tubes.
- Available in several convenient sizes.
- Polypropylene tubes are tough, autoclavable, and chemically resistant.
- Polystyrene tubes offer glass-like clarity.



Catalog Number	Size	Bottom	Material	Volume	Inner Pack	Case Pack	Case Price	Compatible Plug Cap		Compatible 2-Position Cap	
								Catalog Number	Price	Catalog Number	Price
16-100	12 x 55	Round	PS	3 ml	Bag 500	2000	\$48.00	16-100P	\$10.00	16-100P2	\$12.00
16-101	12 x 55	Round	PP	3 ml	Bag 500	2000	48.00	16-101P	10.00	16-101P2	12.00
16-102	12 x 75	Round	PS	5 ml	Bag 250	2000	48.00	16-102P	10.00	16-101P2	12.00
16-104	12 x 75	Round	PP	5 ml	Bag 250	2000	48.00	16-104P	10.00	16-104P2	12.00
16-105	12 x 75	Conical	PS	5 ml	Bag 250	2000	50.00	16-105P	10.00	16-105P2	12.00
16-106	12 x 75	Conical	PP	5 ml	Bag 250	2000	50.00	16-106P	10.00	16-106P2	12.00
16-107	13 x 100	Round	PS	8 ml	Bag 250	2000	60.00	16-107P	12.50	N/A	
16-108	13 x 100	Round	PP	8 ml	Bag 250	2000	60.00	16-108P	12.50	N/A	
16-109	16 x 100	Round	PS	14 ml	Bag 500	1000	42.00	16-109P	16.00	N/A	
16-110	16 x 100	Round	PP	14 ml	Bag 500	1000	42.00	16-110P	16.00	N/A	
16-111	17 x 100	Round	PS	16 ml	Bag 500	1000	42.00	16-111P	16.00	16-111P2	17.00
16-112	17 x 100	Round	PP	16 ml	Bag 500	1000	42.00	16-112P	16.00	16-112P2	17.00

CAPS

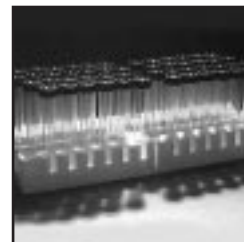
- All caps are molded from polyethylene and come 1000 per unit.
- Natural two-position caps are available for 12mm and 17mm tubes for aerobic or anaerobic closing.
- All plug caps are available in one of seven colors, or in an assortment of all seven colors. Colors are: blue, green lavender, orange, red, white, and yellow. Please specify color when ordering



TRANSPORT VIALS

Transport vials – ideal for sample collections, storage, and safety. Made from virgin polypropylene, they are available in three sizes, sterile or non-sterile. Graduations provide accurate references. Supplied with a screw cap that has a molded-in sealing ring for a leakproof fit. Features include:

- Conical tubes with freestanding skirts.
- Tubes are autoclavable.
- Write-on area on side.



Catalog No.	Description	Inner Pack	Case	Case Price
16-120	5 ml Transport Vials with white screw caps	Bag 250	1000	\$58.00
16-121	5 ml Transport Vials with white screw caps, sterile	Bag 25	500	44.00
16-122	10 ml Transport Vials with white screw caps	Bag 250	1000	60.00
16-123	10 ml Transport Vials with white screw caps, sterile	Bag 25	500	47.00
16-124	50 ml Transport Vials with blue screw caps	Bag 500	500	80.00
16-125	50 ml Transport Vials with blue screw caps, sterile	Bag 25	500	100.00

MULTI-USE TEST TUBES

- Choice of Materials: Polystyrene for clarity or Polypropylene for all-around chemical resistance.
- Sizes from 10 x 65mm to 17 x 100mm.
- Sample Integrity: Chemical free, inert materials minimize contamination risk.
- Reliable, Consistent Performance:
 - Tube dimensions and lot-to-lot uniformity are continuously monitored by stringent quality control checks.
- Durable – impact strength is enhanced by heavy wall thickness
- Round Bottom – for easy sample removal.



Polystyrene Test Tubes

Catalog Number	Nominal Size (mm)	Cap	Nominal Cap. (mL)	Case Qty.	Case Price
16-130	10x65	-	3.1	1000	\$30.25
16-131	10x75	-	3.5	1000	30.25
16-132	12x55	-	3.8	4 x 250/Bag	26.00
16-133	12x75	-	5.4	1000	30.25
16-134	12x75	-	5.4	2500	73.13
16-135	12x75	Press Snap Cap	5.4	1000	53.25
16-136	13x100	-	8.8	4 x 250/Bag	37.75
16-137	13x100	Screwcap	8.0	4 x 250/Bag	96.50
16-138	16x100	-	14.5	4 x 250/Bag	41.25
16-139	16x125	-	18.0	2 x 500/Bag	53.75
16-140	16x125	Screwcap	16.6	4 x 250/Bag	122.50
16-141	16x150	Screwcap	20.3	4 x 250/Bag	141.50
16-142	17x100	-	14.9	4 x 250/Bag	41.25

Polypropylene Test Tubes

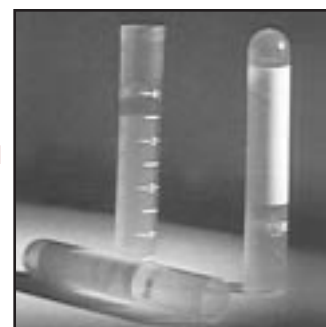
Catalog Number	Nominal Size (mm)	Description	Nominal Cap. (mL)	Case Qty.	Case Price
16-145	12x75	-	5.5	1000	\$30.25
16-146	12x75	-	5.5	2500	73.13
16-147	12x75	Blue	5.5	1000	36.00
16-148	12x75	Pink	5.5	1000	36.00
16-149	12x75	Green	5.5	1000	36.00
16-150	12x75	Tan	5.5	1000	36.00
16-151	12x75	Assorted	5.5	1000	36.00
16-152	12x75	Press Snap Cap	5.2	1000	53.25
16-153	13x100	-	8.5	4 x 250/Bag	37.75
16-154	16x125	-	17.8	2 x 500/Bag	53.75
16-155	17x100	-	14.4	4 x 250/Bag	41.25

PRINTED TEST TUBES

- Printed volume graduations.
- Large write-on areas.

Printed Test Tubes

Catalog Number	Nominal Size (mm)	Description	Nominal Cap. (mL)	Case Qty.	Case Price
16-160	12x75	Printed Tube, Polypropylene	5.5	4 boxes of 250	\$52.00



SLS-LUX Scientific

TUBES

TRANSPORT TUBES

Designed for safe, leak-proof transport and storage of laboratory samples

- Shatterproof polypropylene tubes
- Free standing with conical bottom
- 5.0mL, 10.0mL and 50.0mL sizes
- 1mL graduations with frosted write on areas on 5ml and 10mL
- Leakproof blue threaded plug seal caps
- Printed or molded-in graduations
- Available sterile or non-sterile



5mL Transport Tubes

Catalog Number	Description	Sterile		Case Qty.	Price Per Case
		Non-Sterile			
5mL Transport Tubes with MOLDED-IN GRADUATIONS					
16-165	Tube with Cap	Non-Sterile		1000	\$48.00
16-166	Tube Only	Non-Sterile		1000	35.00
16-167	Screw Cap Only	Non-Sterile		1000	22.00
5mL Transport Tubes with PRINTED GRADUATIONS					
16-170	Tube with Cap	Non-Sterile		1000	63.00
16-171	Precapped Tube	Non-Sterile		1000	78.00
16-172	Precapped Tube	Sterile		500	53.00

10mL Transport Tubes

Catalog Number	Description	Sterile		Case Qty.	Price Per Case
		Non-Sterile			
10mL Transport Tubes with MOLDED-IN GRADUATIONS					
16-175	Tube with Cap	Non-Sterile		1000	\$58.00
16-176	Tube Only	Non-Sterile		1000	45.00
16-177	Screw Cap Only	Non-Sterile		1000	22.00
10mL Transport Tubes with PRINTED GRADUATIONS					
16-180	Tube with Cap	Non-Sterile		1000	73.00
16-181	Precapped Tube	Non-Sterile		1000	62.00
16-182	Precapped Tube	Sterile		500	63.00

50mL Transport Tubes

Catalog Number	Description	Sterile		Case Qty.	Price Per Case
		Non-Sterile			
50mL Transport Tubes with MOLDED-IN GRADUATIONS					
16-185	Tube with Cap	Non-Sterile		10 Bags of 50	93.00
16-186	Precapped Tube	Sterile		20 Bags of 25	104.00
50mL Transport Tubes with PRINTED GRADUATIONS					
16-188	Tube with Cap	Plug Seal		10 Bags of 50	103.00

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SPECTROPHOTOMETERS

CUVETTES, VISIBLE RANGE SEMI-MICRO, 1.5ML

HIGH QUALITY POLYSTYRENE

These exceptionally fine quality polystyrene cuvettes are designed for assays throughout the 340nm to 750nm visible spectral range. A standard 1 cm light path and recessed windows provide maximum light transmission. Scale down your assay volumes to save on costly reagents using these specially designed cuvettes that have a minimum filling volume of 1.0ml. Packaged 100 per covered tray, with 500 per case. Dimensions: 12.5 x 12.5 x 45mm. Windows: 5 x 23 mm. Light Path: 10mm.

17-100 VIS Semi-Micro Cuvettes \$56.00 case/500

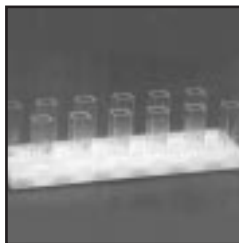
CUVETTES, VISIBLE RANGE MACRO, 4.5ML

These exceptionally fine quality polystyrene cuvettes are designed for assays throughout the 340nm to 750nm visible spectral range. These specially designed cuvettes handle up to 4.5ml total volume with minimum filling volume of 2.5ml and a maximum of 4.5ml. Molded arrow indicates the direction of transmission for optimal signal and reproducibility. Packaged 100 per covered tray, with 500 per case. Dimensions: 12.5 x 12.5 x 45mm. Window: 10 x 35mm. Light Path: 10mm.

17-105 VIS Macro Cuvettes \$44.90 case/500

CUVETTE HOLDER

Holder is made of low density polyethylene and holds 12 glass, silica, or plastic disposable spectrophotometric standard cuvettes (external dimensions 10 x 10 mm). Permits easy control of the color of the solution to be measured and helps avoid hazard from breakage. The cuvettes can also be fitted horizontally after usage for storing purposes. Dimensions: 170 mm x 50 mm x 15 mm H (approx. 6 3/4" x 2" x 1/2" H). Supplied 5 per package.



17-107 Cuvette Holder \$12.10 pkg./5

CUVETTE CAPS (LDPE)

Polyethylene. Dust covers to fit cuvettes.



17-120 Cuvette Caps \$52.84 case/1000

CUVETTES, VIS- UV RANGE SEMI-MICRO, 1.5ML

Injection molded from a superior grade of methacrylate designed for accuracy throughout the VIS-UV spectral range from 285nm to 750nm. Excellent optical qualities throughout the spectral range make these cuvettes perfect for scanning small volumes, enzyme rate reactions, and standard curve determinations. Packaged 100 per covered tray, with 500 per case.



17-110 VIS-UV Semi-Micro Cuvettes \$57.10 case/500

CUVETTES, VIS- UV RANGE MACRO, 4.5ML

A superior grade of methacrylate provides an excellent degree of light transmission throughout the VIS-UV spectral range from 285nm to 750nm. These cuvettes are ideal for scanning, enzyme rate reactions (with small delta absorbances), and standard curve determinations. These cuvettes have a minimum filling volume of 2.5ml and a maximum of 4.5ml. Packaged 100 per covered tray, with 500 per case.



17-115 VIS-UV Macro Cuvettes \$73.20 case/500

CUVETTES, 4 CLEAR SIDES MACRO 4.5ML

Optically superior designs specifically for fluorimetry make this an excellent choice for nephelometry and spectrophotometry, too. A negligible variation in absorbance between the 4 optical sides allows readings from any side. The polystyrene cuvettes are accurate in the 340nm to 750nm visible spectral range. The methacrylate cuvettes are accurate throughout the 285nm to 750nm VIS-UV spectral range. Standard 1 cm light path. Packaged 100 per covered tray, with 500 per case.



17-125 VIS Macro Cuvettes \$46.50 case/500

17-126 UV-VIS Macro Cuvettes 66.00 case/500

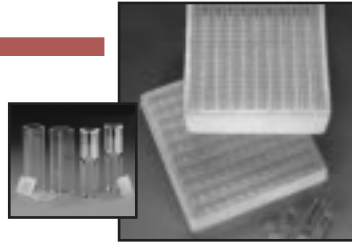
Note: 4 Clear-Sided Cuvettes not sorted by nest numbers.

SLS-LUX Scientific

SPECTROPHOTOMETERS / TISSUE CULTURE

DISPOSABLE CUVETTES

- 10mm cuvettes for use with most spectrophotometers, nephelometers and fluorometers
- All cuvettes average 70% light transmission at 340nm with maximum variance $\pm 3\%$ and deliver up to 84% at 800nm.
- 4.5mL square cuvette with four clear sides and integral reference marks available in UV inhibitor-less Ultra-Vu® polystyrene or Super-Vu® acrylic
- 2.9mL micro square cuvette available in Ultra-Vu® polystyrene
- Trays are made from recyclable expanded polystyrene foam to eliminate scratching and are shrink-wrapped to eliminate dust particles
- Polyethylene caps are available for both sizes of cuvettes; square caps for the 4.5mL size and round plug-tite caps for the 2.9mL size



Catalog Number	Description	Case Qty.	Price
17-130	Ultra-Vu, Square, 4 Clear Sides, Polystyrene, 4.5mL	500 (10x10 tray; x 5)	\$50.00
17-131	Ultra-Vu, Square, 4 Clear Sides, Polystyrene, 4.5mL	120 (12x10 tray)	12.00
17-132	Super-Vu, Square, 4 Clear Sides, Acrylic 4.5mL	500 (10x10 tray; x 5)	63.00
17-133	Ultra-Vu, Micro Square, Polystyrene, 2.9mL	500 (10x10 tray; x 5)	53.00
17-134	Square Cap Closure, Polyethylene	1000/Polybag	33.00
17-135	Flange Plug Tite Cap, Polyethylene	1000/Polybag	19.00

VAKUWASH® AN ECONOMICAL AND STURDY CELL AND TUBE WASHING DEVICE



All-plastic Vakuwash Cell Washer replaces the costly and antiquated apparatus that is often more fragile than the cells it washes. The Vakuwash comes complete with a 500cc polypropylene vacuum flask, Vikem® vinyl stopper and tube and is ready for connection to a vacuum pump. The mouth of an inverted cell is pressed against the rubber cushion to induce suction. Water or other cleaning fluid poured into the 3 1/2" (89mm) diameter funnel is sprayed forcibly into the cell and then drains into the flask. Continued pressure on the cell creates an air flow which dries the cell. A final wash in acetone aids in removing water droplets.

The Vakuwash Tube Washer is modified for washing Nuclear Magnetic Resonance tubes (or similar long tubes). It is supplied with three 6" (152mm) long Teflon® tubes that direct wash fluid right up to the bottom of an inverted 10mm diameter NMR tube.

Cat. No.	Description	Price
11-100	Cell Vakuwash	ea. \$66.95
11-101	Tube Vakuwash	ea. 69.95

COLONY COUNTER



Lightweight pen-style Colony Counter offers convenience and accuracy in counting. In a single motion it marks, counts and confirms with an electronic beep. A four-digit LCD display shows cumulative count. A selector switch allows for counting up or down, to correct errors or to check the count by counting backwards.

The long-life felt-tip marker (1 red and 1 black provided) works on plastic or glass, and is oil- and water-resistant. Ethl alcohol removes it.

Size: 6"1 x 3/4" w x 3/4" d

Weight: 1.2 oz.

Power: 3V battery

Catalog Number	Description	Price
11-105	Colony Counter	\$189.95
11-106	Replacement Tip Black	7.29
11-107	Replacement Tip Green	7.29
11-108	Replacement Tip Red	7.29
11-109	Replacment Battery	6.40

COLONY COUNTING SYSTEM

PURCHASE THE COMPLETE SYSTEM, OR JUST THE COMPONENTS YOU NEED

The Colony Counting System is the best way to eliminate tired eyes, frayed nerves and inaccurate counts at half the price of a standard Quebec Counter. Consisting of a compact, portable (battery or AC powered) Mini Light Box with uniform non-glare fluorescent lighting, a free standing Magnifier, a pen style Counter with 4 digit LCD readout, removable Counting Grid and an AC Adapter for stationary use, the Colony Counting System is a sanity saver for anyone burdened with an endless repetitive counting task.

The Colony Counter Pen, designed for single-handed comfort, is only 6" long and weighs less than 1 oz. Each time it is touched to a surface it marks, gives a beep and registers a cumulative count on the 4 digit LCD readout. A switch selects up or down counting modes for counts and count checks. The pen is supplied with a 3V battery and two long-life replaceable felt tip pens. The red, green and black ink is water and oil resistant but can be removed with ethyl alcohol.

The Mini Light Box is light weight and operates on 4 C batteries (not included) making it completely portable, as well as compact (6 1/4" W x 5 3/8" D x 13 3/4" H) enough to set up on a crowded bench and store in a drawer when not in use. AC Adapter saves batteries during stationary use. It provides uniform non-glare fluorescent lighting for easy viewing on the 4" x 5" viewing area which facilitates quicker, safer and easier viewing in a number of applications. Check plates or dishes for growth or color reaction without tilting samples, quick screen electrophoresis gels, sliders or transparencies. The Mini Magnifier provides 1.7 X Magnification and may be used as a stand alone for small type, photos or any work needing magnification.



Catalog Number	Description	Price	Catalog Number	Description	Price
11-115	Colony Counting System Complete	ea. \$345.05	11-120	Replacement Pen Tip-Black	ea. \$7.29
11-116	Colony Counter only	ea. 189.95	11-121	Replacement Pen Tip-Green	ea. 7.29
11-117	Mini Light Box only	ea. 91.70	11-122	Replacement Pen Tip-Red	ea. 7.29
11-118	Mini Magnifier only	ea. 85.50	11-123	Replacement 3V Battery	ea. 6.40
11-119	Replacement Counting Grids	ea. 10.30	11-124	AC Adapter	ea. 18.60

A SIMPLE, AFFORDABLE & ACCURATE METHOD OF COLONY REPLICATION



The Scienceware® Replica-Plating Tool makes microbial colony replicas accurately and inexpensively. The Tool is simple to use. Just invert the petri dish carrying microbial colonies, lower it onto the sterile velveteen cloth surface and lift it. Then invert a fresh sterile nutrient plate and lower it onto the velveteen. When the fresh plate is lifted it will contain a replica of the original colony.

The Replica-Plating Tool consists of an aluminum ring 4" (102mm) in diameter, a PVC cylinder 2.15" (55mm) high, and a pack of 12 sterile Velveteen Squares 6" x 6". The Squares are pure, clean, sterile, 100% cotton, absorbent twill-backed with no dyes or impurities present and are packed in a sealed bag.

Catalog Number	Description	Price
11-130	Replica-Plating Tool	ea. \$59.70
11-131	Velveteen Squares 3 bags of 12 squares	bx/36 63.39

AN IMPROVED AUTOCLAVING WRAP AND CHEMICAL BARRIER OF POLYESTER-BACKED FOIL



Super Polyfoil is used for autoclaving, incubating and for storing cell culture solutions, chemical solutions and lab implements. The polyester resists tears, blocks any possible pinholes that may develop in the aluminum foil, resists organic solvents and caustic agents. It provides sterility protection and a chemically inert barrier. The polyester complies with the FDA regulations governing direct food contact. Super Polyfoil consists of a blue thermoplastic polyester layer laminated to 1 mil aluminum foil. It is easily folded over objects containing openings, unlike aluminum foil may be flattened without kinking and is easier to remove following autoclaving than plain aluminum foil which is subject to oxidation.

Catalog Number	Description	Price
11-135	Super Polyfoil - 4x4"	bx/100 \$13.35
11-136	Super Polyfoil - 5 1/4 x 5 1/4"	bx/100 19.55
11-137	Super Polyfoil - 8x8"	bx/100 25.70

STAK-A-TRAY PETRI DISH AND CULTURE FLASK STORAGE SYSTEM



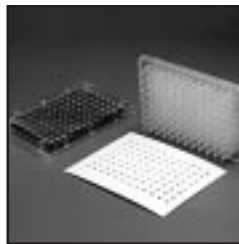
Stak-A-Tray™ stores large numbers of petri dishes and culture flasks in small spaces easily and efficiently. This space-saving rack and tray storage system expands storage space on lab benches, in hoods and in popular size incubators, cold rooms and refrigerators. Autoclavable stainless steel trays have perforations throughout for complete environmental exposure. Trays make great organizers even without racks when space is shared.

Each 14"x14 1/2" Stak-A-Tray rack accepts up to four levels of trays and up to five racks can be safely stacked for a total of up to 20 levels. Two sizes of trays provide maximum flexibility. Full sized 14"x14" trays hold up to 12 petri dishes. Half sized 14"x7" trays hold up to 6 dishes.

Two rack styles add additional flexibility. One is exclusively for petri dishes with four center supports and 1" clearance between trays. The second with only two center supports is designed with 2" clearance between trays to accommodate T-flasks up to T-500.

Catalog Number	Description	Price
11-140	Rack, 2 Center Supports	ea. \$198.90
11-141	Rack, 4 Center Supports	ea. 198.90
11-142	Stak-A-Tray, Tray 14"x14"	ea. 49.95
11-143	Stak-A-Tray, Tray 7"x14"	ea. 35.25

BEL-BLOTTER™ 96-WELL REPLICATING TOOL



The Bel-Blotter™ is a 96-Well Replicating Tool designed to do the tedious tasks with little effort and increased productivity. The 96 "open ended" pipette tips in this unique molded product fits all types of plates ranging from flat, vee or round bottom plates to 0.2ml thin walled PCR plates and tubes.

By simply placing the Bel-Blotter™ 96-Well Replicating Tool into any 96-well plate, the tips will pick up fluid up to 10ul per tip. The filled Bel-Blotter™ 96-Well Replicating Tool is then placed onto the receiving medium, whether it be the wells of plates, hybridization membranes or agar. The device is easy to use and is reusable. Molded of polypropylene, it can be autoclaved.

The resulting products of the Bel-Blotter™ 96-Well Replicating Tool can be used for replication of recombinant DNA libraries, inoculation of filters for colony hybridization, phage typing and other applications.

Catalog Number	Price
11-145	\$9.95

STERILE CLONING DISCS



- Reduces Time and Effort When Isolating a Large Number of Clones
- Minimizes the Chance for Contamination
- RNase and DNase Free

Sterile paper discs transfer cells quickly and easily to a 24 well plate for growth. Discs eliminate leak problems associated with cloning cylinders. Risk of contamination and drying out is reduced because cells are exposed only a fraction of the time it would take to apply a cloning cylinder.

Catalog Number	Description	Price
11-150	3 mm (1/8") discs	100 \$18.55
11-151	5 mm (3/16") discs	100 18.55
11-152	6 mm (1/4") discs	100 18.55

Contains 2 vials of 50 cloning discs. Sterilized by Gamma irradiation.

SLS-LUX Scientific

ULTRA M® MICRO COMBINATION ELECTRODE MEASURES PH IN THE SMALLEST SAMPLES

AND NON-GLASS CONSTRUCTION RESISTS PROTEIN BINDING

The Micro Probe measures pH in samples as small as 10 microliters (about 1/10 the size of an average drop) making it ideal for biological assays of microsamples. Non-glass sensor construction is resistant to degradation due to protein binding, and stem is flexible enough to be inserted into curved glass vessels. The electrode body is guaranteed unbreakable for the life of the probe. The totally non-glass electrode features solid state sensor and Teflon® capillary tube which offers a much lower output resistance than glass probes of the same size giving a rapid response time, a high signal to noise ratio and a much more stable pH reading.

The pH sensor tip diameter is only 1 mm, and a combined diameter of 1.7 mm, including the reference element, allows for a low immersion depth which is especially suited for biological assays in containers such as microtiter plates, culture tubes, cuvettes, micro test tubes, serum cups and NMR tubes. The flat pH sensor tip is also applicable for surface measurements on filter paper and electrophoretic agarose gels. The probe has a broad pH range of 1 to 12. The probe is compatible with all major brand pH meters including Orion®, Beckman®, Corning®, Fisher® and Radiometer®. Please specify the brand and model pH meter you are using when ordering.



Catalog Number	Description		Price
11-155	Micro Combination pH Probe (U.S. Std. Conn.)	ea.	\$405.00
11-156	Micro Combination pH Probe (BNC Conn.)	ea.	405.00

STERILE CULTURE TUBES

- Reliability: Sterile culture tubes come in individual peel-apart sterile wraps or sterile tray packs.
- Irradiated: Tested in accordance with AAMI Guidelines: lot-to-lot, traceability of every product.
- Choice of Materials: Polystyrene provides best optical clarity. Polypropylene provides chemical resistance. Both materials are biologically inert and chemical free.
- Range of sizes from 10 x 75mm to 17 x 100mm.



Polystyrene Sterile Culture Tubes

Catalog Number	Nominal Size (mm)	Cap	Nominal Capacity (mL)	Case Qty.	Case Price
11-160	10 x 75	-	3.5	8 Trays of 125	\$76.00
11-161	12 x 75	Press Snap Cap	5.4	500 Individually Wrapped	65.00
11-162	12 x 75	-	5.4	8 Trays of 125	67.00
11-163	12 x 75	Press Snap Cap	5.4	8 Trays of 125	105.00
11-164	12 x 75	Press Snap Cap	5.4	20 Trays of 125	61.00
11-165	13 x 100	ScrewCap	8.8	8 Trays of 125	156.50
11-166	16 x 125	ScrewCap	18.0	500 Individually Wrapped	123.00
11-167	16 x 125	ScrewCap	18.0	8 Trays of 125	196.00
11-168	16 x 150	ScrewCap	20.3	500 Individually Wrapped	117.50
11-169	17 x 100	Press Snap Cap	14.9	500 Individually Wrapped	69.50
11-170	17 x 100	Press Snap Cap	14.9	20 Trays of 125	65.00
11-171	17 x 100	-	14.9	8 Trays of 125	70.00
11-172	17 x 100	Press Snap Cap	14.9	8 Trays of 125	118.00

Polypropylene Sterile Culture Tubes

Catalog Number	Nominal Size (mm)	Cap	Nominal Capacity (mL)	Case Qty.	Case Price
11-175	12 x 75	Press Snap Cap	5.5	500 Individually Wrapped	\$79.00
11-176	12 x 75	-	5.5	8 Trays of 125	95.00
11-177	12 x 75	Press Snap Cap	5.5	20 Trays of 25	73.00
11-178	17 x 100	Press Snap Cap	14.4	20 Trays of 25	96.00
11-179	17 x 100	Press Snap Cap	14.4	500 Individually Wrapped	90.00
11-180	17 x 100	-	14.4	8 Trays of 125	82.50

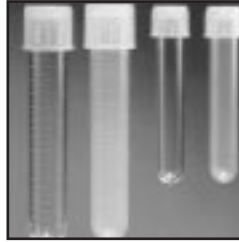
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TISSUE CULTURE

SLS-LUX BRAND CULTURE TUBES

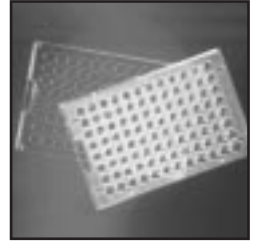
These sterile culture tubes come with 2-position caps for aerobic or anaerobic closing, and are precision-molded from premium grade polystyrene or polypropylene.



Catalog Number	Size	Volume	Material	Inner Pack	Case Pack	Price
11-185	12 x 75	5 ml	PS	125	1000	\$82.00
11-186	12 x 75	5 ml	PS	25	500	41.00
11-187	12 x 75	5 ml	PP	125	1000	82.00
11-188	12 x 75	5 ml	PP	25	500	41.00
11-189	17 x 100	16 ml	PS	25	500	55.00
11-190	17 x 100	16 ml	PP	25	500	55.00

96 WELL MICRO PLATES

These Microplates, made from clear polystyrene, offer 96 optically flat and uniform wells with alpha-numeric indexing for easy sample identification. They fit all standard optical readers. Special interlocking lids are available which effectively prevent any sample contamination.



96 Well Plates are individually packed in zip-lock bags to ensure scratch-free delivery. Both plates and lids come in cases of 100.

Catalog Number	Description		Price
11-195	96 Well Micro Plates	cs/100	\$50.00
11-196	Interlocking Lids	cs/100	35.00

VALMARK ULTRA-DISH® BRAND PETRI DISH

USER FRIENDLY DESIGN

Valmark petri dishes are designed for easy one hand opening and closing edges of tops and bottoms are squared off (not round) to provide a firm sure grip. The flare and length of the lid skirt allows the lid to be removed and replaced easily and quickly.

OPTICAL CLARITY

Obstruction and distortion free viewing is provided by the extreme flatness of the lid and the absence of cracks or stress marks. Injection ports on the sides of the dishes prevent blemishes and distortion caused by injection ports being on top and bottom surfaces of dishes. Injection molded from virgin biomedical grade polystyrene crystal.

- 100% STERILITY GUARANTEED
- OPTICALLY CLEAR
- CONSISTENTLY FLAT BOTTOMS
- USER FRIENDLY DESIGN

100% STERILITY GUARANTEED

with our environmentally friendly method of E.T.O. sterilization. A private microbiology laboratory uses USP methods to test every lot of dishes. A certificate of sterility for each lot number is on file and a copy is available on request.

CONSISTENTLY FLAT BOTTOMS

The flatter the dish bottom the less media is used for adequate coverage in center of the dish. This is particularly important with a media pouring machine which is set for the worst condition. Valmark dishes are never more than 0.005" off flat from edge to center.

NO CONDENSATE ON MEDIA

Three venting ribs, on the underside of the lid, prevent condensation build up.

STERILITY AND BREAKAGE PROTECTION

Extra heavy polyethylene sleeves keep Valmark dishes sterile during transit storage and handling. Dishes are further protected by a 175lb test outer carton with an "egg crate" divider with a compartment for each sleeve.

100 x 15 mm Dishes available in two, three, or four compartment configurations. Use for growth of specimens on multiple media or for differential studies of organisms or media in a common Packed 20/Sleeve, 500/Case

Catalog Number	Configuration	Stacking Rings	Case Price
11-200	I-DISH (2 compartment)	Vertical	\$46.42
11-201	I-DISH (2 compartment)	Bevelled	46.42
11-202	Y-DISH (3 compartment)	Vertical	46.42
11-203	X-DISH (4 compartment)	Vertical	46.42

Catalog Number		Price
11-205	100 x 15 mm STANDARD, the ultra dish with vertical stacking rings for the ultimate in stacking.	Packed 20/Sleeve, 500/Case \$45.70
11-206	100 x 15 mm STANDARD, the ultra dish with Bevelled stacking rings for easy removal of dish from a stack, or for use in pouring machines.	Packed 20/Sleeve, 500/Case 37.83 Packed 10/Sleeve, 100/Case 39.44
11-207	150 x 15 mm STANDARD bevelled stacking rings.	
11-208	95 x 15 mm MEDIA-SAVER ULTRA DISH, 5 mm smaller in diameter than our standard 100 x 15 mm dish, bevelled stacking ring allows both stacking and use in media pouring machines. Double savings-lower initial cost than standard dish and uses 11% less media.	Packed 20/Sleeve, 500/Case 41.54



SLS-LUX Scientific

TISSUE CULTURE

EASI-GRID™

FOR PRECISE MASTER PLATE PREPARATION

The new EASI-GRID™ is a simple, versatile, gridding unit for molecular biology, genetics and microbiology applications.

The essential tool for efficient master plate making, the EASI-GRID™ from Jencons comprises a lightweight and durable case containing nine of the most popular templates for molecular biology, genetics and microbiology applications, plus a blank sheet for your own customized grid pattern. This unique product has been designed to hold any make of 90mm diameter petri dish firmly in its place above your chosen grid thus ensuring correct alignment of subsequent clones made from the master plate.

EASI-GRID™ is ideal for use in experiments involving phenotype/genotype screening such as:

- colony/plaque hybridization
- drugs resistance / sensitivity testing
- yeast tetrad analysis
- enzyme analysis
- temperature resistance / sensitivity testing

In fact, whenever you need to produce ordered arrays of colonies for further analysis use EASI-GRID™ for simple, organized and hygienic plate making.

All grids are printed onto clear acrylic sheets, which means that EASI-GRID™ can also be used on a light box. The grids supplied are 25, 50, 70, 100, 150 and 200 squares, 6 and 12 quadrants as well as a black 100 square grid. The grids are ring bound so they cannot be separated and lost. The pre-printed grids are used and stored in the EASI-GRID™ case.

EASI-GRID™ is available in a choice of casing in either a spirited red, dapper blue, sunshine yellow, or jet black and is supplied complete with grid booklet and locking band.

Stylish yet practical, EASI-GRID™ has been designed to be easily decontaminated using commonly used anti-bacterial agents and has neat, non-slip feet attached to the base of the case to prevent movement and scratching of the unit during use.



PETRI DISHES

TPX® POLYMETHYLPENTENE

Clear, reusable, autoclavable TPX® petri dishes are 12 mm deep x 83 mm I.D. Loose-fitting covers are 92 mm O.D. and have a frosted area for writing. Compartmented dishes have 3 equal segments with 6 mm high partitions. Dishes and covers are sold 12 pieces per pack.



Catalog Number	Description	Price
11-220	Plain dishes with covers	\$18.00
11-221	Compartmented dishes with covers	19.50

DYNA BLOCK™ 1000 DEEP WELL MICROPLATES

Multi-purpose Microplates

The Labnet DyNa Block 1000 has been designed to meet the demands of high-throughput, high volume laboratories for bulk processing and storage of samples.

• Large Capacity

The DyNA Block 1000 has a capacity of 1.0ml capped or 1.2ml uncapped in each of its round bottom wells. The plates feature alphanumerically labelled wells for easy sample identification.

• Polypropylene or Polystyrene

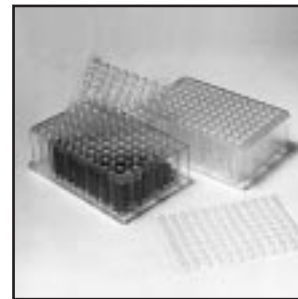
For applications requiring extreme temperatures, from -70°C to 90°C, or high chemical resistance, the DyNA Block 1000 is available in virgin polypropylene. They are also available in transparent polystyrene for cell adhesion applications. Both the polypropylene and polystyrene plates are supplied in sterile or nonsterile packaging.

• Compatible with Multiple Sample Processing Equipment

The standard 8 by 12, 96 well format of the DyNA Block 1000 is compatible with a variety of robotic sample processors including the Beckman Biomek, Tecan Genesis and Tomtec Quadra. Most cell harvesters and many automated liquid handling stations, such as Gilson's 215 and Hamilton's Microlab, will also accept these microplates. The DyNA Block 1000 can be used with all multichannel pipettes, and is accommodated by many centrifuge microplate rotors including Beckman and Hermle.

• Ideal for Storage

A mat of 96 caps is available for sealing the wells of the DyNA Block 1000. The polypropylene plates can withstand temperatures as low as -70° for freezer storage of biological samples, including blood. The DyNA Block 1000 microplate are stackable, conserving valuable bench and freezer space.



Catalog Number	Description	Price
11-210	EASI-GRID (Black)	\$45.00
11-211	EASI-GRID (Blue)	45.00
11-212	EASI-GRID (Red)	45.00
11-213	EASI-GRID (Yellow)	45.00
11-214	EASI-GRID Stand (for up to 4 EASI-GRIDS)	9.00
11-215	Spare EASI-GRID Grid Booklet	11.00
11-216	Spare EASI-GRID locking band	1.00

Cat. No.	Description	Pkg.	Price
11-225	DyNA Block 1000, 96x1.0ml, polypropylene, nonsterile	25	\$84.00
11-226	DyNA Block 1000, 96x1.0ml, polypropylene, sterile	25	92.00
11-227	DyNA Block 1000, 96x1.0ml, polystyrene, nonsterile	25	84.00
11-228	DyNA Block 1000, 96x1.0ml, polystyrene, sterile	25	92.00
11-229	Mat Of 96 caps, nonsterile	30	54.00
11-230	Mat of 96 caps, sterile	30	54.00

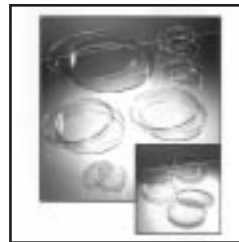
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TISSUE CULTURE

PETRI DISHES

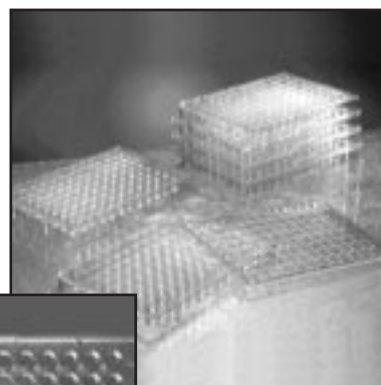
Petri dishes are manufactured under strict aseptic conditions within a Class J clean room which complies with BS 5295. Petri dishes remain under clean room conditions throughout the manufacturing process. 100mm Petri dishes conform to BS 611 Part II, which involves stringent control of rigidity, thermal resistance, stackability and dimensional consistency. The dimensional consistency of these dishes makes them the first choice for use with automatic plate pourers. Sturdy polyethylene sleeves which exceed BS611 Part II are used to pack all Petri dishes. An inner liner compartments the carton and ensures that Petri dishes arrive in perfect condition.



Catalog Number	Description	Vents	Base Diam. mm	Overall Height	Number per case	Price per case
11-235	100mm Petri Dish	None	89.25	15.8	500	\$63.00
11-236	100mm Petri Dish	Single	89.25	16.2	500	63.00
11-237	100mm Petri Dish	Triple	89.25	16.0	500	63.00
11-238	100mm Petri Dish, Amber	Triple	89.25	16.2	500	65.80
11-239	100mm Petri Dish, Blue	Triple	89.25	16.2	500	65.80
11-240	100mm Petri Dish, Red	Triple	89.25	16.2	500	65.80

MICROTITRATION PLATES

Alpha-numeric identification alongside each of the 96 wells, make microscopic sample location simple. Uniform wall thickness ensures good optical observation and a hanging well design allows an even temperature to be achieved around each well. Cross contamination is minimized by each well having a rim, and when lids are used, orientation corners and condensation rings further guarantee security. A rim around the periphery of the plate also assists when the plate requires sealing with film. Deep lids reduce the common problem of uneven evaporation from the well.



Catalog Number	Description	Total Well Vol. ml	Material	Sterility*	Length x Breadth	Number per case	Price per case
11-245	Rigid 96 Well Plate, U bottom	0.415	PS	NS	127 x 86	50	\$33.00
11-246	Rigid 96 Well Plate, U bottom, sterile	0.415	PS	lr	127 x 86	50	48.50
11-247	Rigid 96 Well Plate, V bottom	0.334	PS	NS	127 x 86	50	29.30
11-248	Rigid 96 Well Plate, V bottom, sterile	0.334	PS	lr	127 x 86	50	41.50
11-249	Rigid 96 Well Plate, Flat bottom	0.406	PS	NS	127 x 86	50	31.40
11-250	Rigid 96 Well Plate, Flat bottom	0.406	PS	lr	127 x 86	50	44.00
11-251	Microtitration Plate lid, w/condensation rings	-	PS	S	-	50	37.90

Colored Microtitration Plates

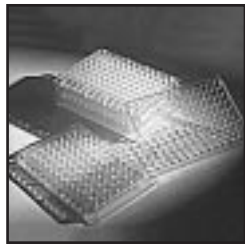
The black plate is designed for use in fluorescence studies with minimal well to well cross talk. The white plate is designed for use in luminescence assays where the white pigment in addition to minimizing cross talk increases reflectivity for greater sensitivity.

Catalog Number	Description	Total Well Vol. ml	Material	Sterility*	Length x Breadth	Number per case	Price per case
11-255	White 96 Well Plate, flat bottom	0.415	PS	NS	127 x 86	50	\$82.91
11-256	Black 96 Well Plate, flat bottom	0.415	PS	NS	127 x 86	50	82.91

SLS-LUX Scientific

TISSUE CULTURE

MICROWAVE FORMAT



UNIWELL™ 96-WELL MICROPLATES

- Combining "U-shape" and "flat-bottom" wells into one, the distinctive Uniwell™ "truncated cone" well design affords larger well volumes for applications requiring greater reagent volumes. Plus, Uniwell™ well bottoms are ideal for assays requiring smaller volumes.
- Superior optical clarity – 80% average light transmission at 405 nanometers (optical surface diameter = 3.0mm). Wells are recessed to protect against abrasion.
- Select, virgin polystyrene guarantees dimensional consistency – tolerances to within 0.1% – and test accuracy from well to well and plate to plate.
- Enhanced washing results – no loss of liquid as when caught in the corners of flat-bottom wells.
- Each well identified with alphanumeric designators.
- Raised rings around well tops inhibit cross-contamination.
- One-way fitting lids provide ventilation across wells and have raised "feet" for easy stackability.
- Designed for use with robotic fingers, conveyances, washers and readers.
- Easy marking and labeling surface.
- Half-well configuration ideally suited for hybridoma applications.
- Available non-sterile and gamma-irradiated sterile, as well as treated for enhanced protein binding in ELISA/EIA applications.

Uniwell™ 96-Well MicroPlate Dimensions

- Base (L x W x H): 127.5 x 85.0 x 13.8
- Well Volume: 0.370mL
- Well Diameter: 7.0 mm
- Well Bottom Diameter
- (Optical Surface): 3.0 mm
- Labeling Surface (W x H): 81.9 x 11.1 mm

Uniwell™ 96-Well MicroPlates

Catalog Number	Description	Case QTY	Price /Case
11-260	Non-Sterile, without Lids	10 bags of 10	\$47.00
11-261	Sterile, without Lids	5 bags of 10	50.00
11-262	Sterile, without Lids	50 Ind. Wrap	63.00
11-263	Sterile, with Lids	50 Ind. Wrap	70.00
11-264	Lids Only, Non-Sterile	10 bags of 10	26.00
11-265	Lids Only, Sterile	10 bags of 10	29.00

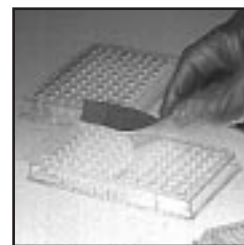
SEAL PLATE ADHESIVE FILM



- Reduces sample to sample well contaminations
- Perforated end tabs allow easier, more accurate positioning of the film over plates.
- Bio-inert polypropylene or polyester based film and acroolefin adhesive provide compatibility with virtually all microwell plate assays.
- Super-thin, 1.0mil thickness can be easily pierced with a pipet tip or probe.
- Thermal resistant 2.0 mil polypropylene, for processes requiring extreme temperatures (-40°C to 125°C, or -40°F to 257°F) such as Thermal Cycling.

Catalog Number	Description	Pack Qty	Price
11-270	2.0 mil, Polyester, Non-Sterile	100	\$35.00
11-271	2.0 mil, Polyester, Sterile	100	45.00
11-272	1.0 mil, Polyester, Non-Sterile	100	37.75
11-273	1.0 mil, Polyester, Sterile	100	48.00
11-274	2.0 mil, Polypropylene, Non-Sterile	100	44.00
11-275	2.0 mil, Polypropylene, Sterile	100	55.00

MICROPLATE ADHESIVE FILM PROTECTS SAMPLES!



The Microplate Adhesive Film is designed for the sealing of microplates to protect samples from spillage and contamination. It has perforated end tabs, thus allowing easy, accurate positioning of the film over the plates for secure seals. Both the polyester film and the adhesive are inert, making the product compatible with virtually all procedures performed in microplates. The acrylic base of the adhesive will resist most petroleum solvents and the film can be used between 30 and 100°C. Comes in a box of 100 sheets.

Catalog Number	Description	Pkg.	Price
11-280	Microplate Adhesive Film	bx/100	\$41.00

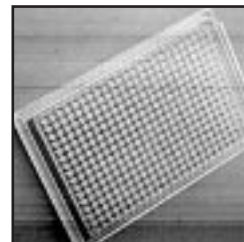
FINALLY! A 384 WELL MICROPLATE! MAXIMIZE STORAGE CAPACITY - MINIMIZE STORAGE SPACE

384 Well Microplates with a 70 ml capacity can be used for virtually any application as standard plate, with a 4x increase in storage capacity and significant reduction in handling and manipulation of plates for large numbers of samples. 384 Well Microplates are adequately rigid for use with robotic handling.

384 Well Microplates feature alpha-numeric border labels and are available in the following materials:

- **Polystyrene:** outstanding optical clarity, designed for use in cellular and immunologic assays, storage at refrigerated temperatures as low as -20°C.
- **Polycarbonate:** outstanding optical clarity, designed for heating or storage at refrigeration temperature extremes to -90°C.
- **Polypropylene:** designed for heating or storage at refrigeration extremes to -90°C.

386 Well Microplates are packaged in convenient dispenser boxes of 25 plates each. Polystyrene lids are available separately.



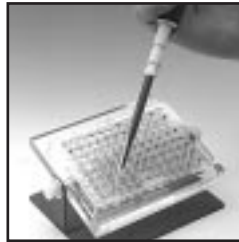
Catalog Number	Description	Pkg.	Price
11-285	Polystyrene 384 Well Microplates	pk/25	\$137.00
11-286	Polycarbonate 384 Well Microplates	pk/25	137.00
11-287	Polypropylene 384 Well Microplates	pk/25	137.00
11-288	Polystyrene Lids - for 384 Well Microplates	pk/25	64.75

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TISSUE CULTURE

MICROPLATE TILTING STAND



A microplate tilted and viewed at an angle allows you to judge which wells have received liquid addition by comparing the menisci between neighboring wells. Adjustable angle settings can greatly reduce errors in non-manifold additions of liquids of expensive, hazardous or radioactive materials to a multiwell microplate. The clear acrylic platform beneath the microplate provides the best condition for observing the meniscus of a liquid within the well. An epoxy-coated steel base assures stability, and the hand adjustable clamping screws maintain the desired angle. The stand holds all sizes of microplates up to 96 hole size. Dimensions are 45/8" x 61/2" x 21/4" high (114 x 165 x 57mm).

Catalog Number	Description	Price
11-290	Microplate Tilting Stand	ea \$37.95

PIPETTE ALL 96 MICROPLATE WELLS IN LESS THAN 10 SECONDS



The Vaccu-Pette/96™ pipetting device will pipet all the wells in any standard 96 well plate simultaneously. It can harvest from 25 to 300 ml from 96 well plates in under 10 seconds with complete sterility. Use it to remove spent medium from cultures in preparation for feeding. It is economical and efficient for repetitive applications. Attach the vacuum outlet to any 35 ml disposable sterile syringe (not included) and it is ready to use. It comes with a length of 1/8" tubing for syringe connection.

Vaccu-pette/96 is available in two models: Disposable Vaccu-Pette/96 cannot be autoclaved or sterilized and is supplied sterile in a sealed pack with the tubing enclosed. Reusable Vaccu-Pette/96 is polycarbonate and should be autoclaved prior to use to avoid contamination. Both measure 5" x 33/8" x 17/16".

Catalog Number	Description	Price
11-300	Vaccu-Pette/96, disposable	ea \$24.75
11-301	Vaccu-Pette/96, reusable	ea 20.50

HIGH CAPACITY MICROPLATE RACK



ELIMINATES STACKING, INCREASES EFFICIENCY

This 15 position Microplate Rack helps organize your incubator. It facilitates sample growth in microplates by improving temperature maintenance and diffusion of gases around the plates, and provides efficient and quick access to all 15 plates. It eliminates the need to shuffle through stacked plates which takes time, and can cause accidental spillage. The rack fits any incubator with a height of 11.5" or greater, and holds 3 plates on each of 5 tiers, with detents to prevent sliding of individual plates. The Microplate Rack is constructed of durable stainless steel with a folding handle, and measures 53/8" W x 12" L x 111/4" H.

Catalog Number	Description	Price
11-305	Microplate Rack	ea \$94.65

HAND HELD MICROPLATE WASHING SYSTEM



FAST, ECONOMICAL AND MAINTENANCE FREE

Our new Microplate Washer is a time-saving, cost-effective way of meeting your microplate washing requirements. The ergonomically designed washer is available in either an 8 or 12 tip configuration which will dispense liquids into and aspirate from an 8 or 12 column or row of a 96 well plate and is ideal for small labs where automatic plate washers are prohibitively expensive. The system has a built-in single head diaphragm vacuum pump which is 100% oil and maintenance free, providing suction and pressure for wash fluid delivery.

The Microplate Washing System has a unique design which allows automatic priming without use of any external vessel. When at rest, the washing head is seated on the washing platen with its dispense and aspirate tubes recessed into the platen. The system ensures continuous flow of washing solution and the waste flask provides a receptacle for potentially contaminated fluid. The System delivers up to 9 ltr/min at a maximum vacuum of 185mb, has automatically selectable voltage, and is supplied complete with a set of tubing.

Catalog Number	Description	Price
11-295	Microplate Washing System, 8 way	ea \$2734.00
11-296	Microplate Washing System, 12 way	ea 2793.00

CULTURE TUBES ROUND BOTTOM



BOROSILICATE GLASS WITH TEFLON LINED CLOSURES

Size ml	Tube Size	Finish	Case Pack	Product Number	Case Price
7	13 x 100	13/425	144	12-470	\$129.60
11	16 x 100	15/425	144	12-411	108.00
14	16 x 125	15/425	144	12-422	110.00
18	16 x 150	15/425	144	12-433	112.00
27	20 x 125	18/415	144	12-444	227.00

BOROSILICATE GLASS WITH RUBBER LINED CLOSURES

Size ml	Tube Size	Finish	Case Pack	Product Number	Case Price
7	13 x 100	13/425	144	12-480	\$103.20
11	16 x 100	15/425	144	12-481	91.68
14	16 x 125	15/425	144	12-482	91.68
18	16 x 150	15/425	144	12-483	91.68
27	20 x 125	18/415	144	12-484	131.33

BOROSILICATE GLASS WITHOUT CAPS

Size ml	Tube Size	Finish	Case Pack	Product Number	Case Price
7	13 x 100	13/425	144	12-490	\$51.60
11	16 x 100	15/425	144	12-491	45.84
14	16 x 125	15/425	144	12-492	46.75
18	16 x 150	15/425	144	12-493	47.70
27	20 x 125	18/415	144	12-494	65.68

SLS-LUX Scientific

THERMOMETER

TEMP GUARD® INCUBATOR PROTECTION



Undetected temperature changes in the incubator can cause cell loss or ruined experiments. Once activated, Temp Guard warns of a temperature change by sounding a loud, continuous alarm (85 dB at 3') for up to three days, or until it is manually interrupted. Even if the temperature corrects itself and the alarm shuts off, and LED indicator stays lit to indicate that a variance has occurred.

Compact (5 1/16" x 3 3/16" x 1 1/2"), easy to use Temp Guard mounts in seconds with either self-adhesive tape or a screw mounting. Its 10' probe connection allows the alarm to be mounted away from the incubator. The alarm activation point can be adjusted for any setting between 0° and 75°C with an accuracy of ±1°C and can be set to monitor either upward or downward drift. Temp Guard is powered by one 9V battery (not included), has an additional battery connector for extended maintenance-free operation, and an indicator which beeps when a fresh battery is needed (once a year).

Catalog Number	Type	ea.	Price
28-250	TempGuard	ea.	\$91.67
28-251	9V Battery	ea.	3.75

DIGITAL PROBE THERMOMETERS



WATERPROOF MIN/MAX MEMORY DIGITAL PROBE THERMOMETER

Model #12201

DeltaTRAK introduces the first Waterproof Digital Probe Thermometer with minimum and maximum memory capability. It can be used where steam or condensation is a problem, or it can be completely submerged into water. The Model 12201 will record the lowest and highest temperature reached from last re-set, between 14°F to 392°F (-10°C to 200°C) and is accurate to within ±1.8°F (1°C). This water thermometer is an ideal food service thermometer to verify holding temperature, and as a quality control instrument for processed foods, commercial fisheries, seafood, meat and poultry processing facilities.

MIN/MAX DUAL SENSOR THERMOMETER

Model #12202

For a spot check or a permanent installation, the Model 12202 Min/Max Dual Sensor Thermometer is an economical and convenient QA tool. Use it to check the performance of freezers, refrigerators, display cases, water tanks, etc.; use it in liquids, food and any temperature sensitive products. Its onboard internal sensor shows ambient air temperature, while the fast response stainless steel external sensor attached to a 3-0ft (1 meter) cord shows the temperature to which it is exposed. Min/Max memory will show the highest and lowest temperature after the last reset.



DIGITAL PROBE THERMOMETER

Model #11002

The new DeltaTRAK pocket size Digital Probe Thermometer, Model 11002, is an accurate, water and dirt resistant probe thermometer with a liquid crystal display. The new design incorporates a °C/°F instant conversion button and a **fast one second** temperature response update. The measurement range is -40°F to 302°F (-40°C to 150°C) with a resolution in 0.1 degree increments, and accuracy of ±1.8°F (±1°C) over the use range. A **hold** button allows readings taken in hard-to-reach places to be held on the LCD until the button is pressed again.



It is also designed with a 10 minute automatic shut-off feature to preserve battery life. The Digital Probe Thermometer is small enough to be carried in your shirt pocket, and is ideal for quality control inspectors involved in food service and food processing applications. The 3.5 inch (89mm), stainless steel, pointed needle probe is protected by a slide-on-cover.

The DeltaTRAK Lab Thermometer Model 11003 is also available with the same design features except with a round tipped stainless steel probe. The Lab Thermometer is ideal for scientific, veterinary, laboratory use, and as an alarm check thermometer for blood banks.

Catalog Number	Model	Price
28-255	12201	\$28.50
28-256	12202	28.50
28-257	11002	24.38
28-258	11003	28.50

1-800-220-7574

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THERMOMETERS

TRU-TEMPE N.I.S.T. TRACEABLE, MERCURY-FREE THERMOMETERS FROM -90° TO +130°C

Keep accurate track of temperatures in everything from cryo-freezers to ovens. True-Tempe Thermometers give precise readings in freezers, refrigerators, blood banks, incubators and ovens. Six models cover a temperature range from -90 to +130°C. Each red spirit-filled thermometer is Teflon® coated for added safety, is supplied in an unbreakable, liquid-filled plastic bottle which insulates the thermometer bulb against rapid changes in temperature when the appliance door is open and attaches easily to any wall or door surface. Each True-Tempe Thermometer comes with its own certificate of N.I.S.T. traceability and is accurate to ± 0.10 .



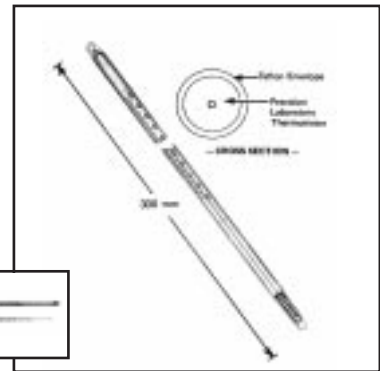
Catalog Number	Type	Range	Div.	Bottle	Fill	Price
28-100	Cryo-Freezer	-90/20°C	1.0°	145mm	Propylene glycol	\$49.00
28-101	Freezer	-30/0°C	0.5°	125mm	Propylene glycol	40.40
28-102	Refrigerator	-5/15°C	0.5°	125mm	Ethylene glycol	40.40
28-103	Blood Bank	-5/20°C	0.5°	125mm	Propylene glycol	40.40
28-104	Incubator	18/50°C	0.5°	135mm	Ethylene glycol	40.40
28-105	Oven	24/130°C	1.0°	135mm	Mineral Oil	40.40

ERTCO TEFLON® COATED SAFETY THERMOMETERS

ACID PROOF • ALKALI PROOF • SHATTER PROOF • LEAK PROOF

These thermometers are completely sealed within a Teflon® jacket making them impervious to the chemical action of acids and other corrosive materials. The coating absorbs shock and will contain all the glass and mercury within the Teflon jacket should the thermometer break. They are available in various temperature ranges in either Celsius or Fahrenheit. They are furnished in yellow-back tubing for greater legibility and are accurate to within NIST tolerances.

Please note: Mercury thermometers are supplied in yellow backing; organic spirit thermometers are supplied in white backing.



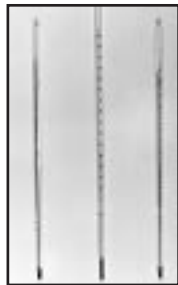
Catalog Number	Range	Divisions	Length	Immersion	Liquid Filling	Price
28-110	-20 to 110°C	1°C	300mm	76 mm	Mercury	\$28.60
28-111	-20 to 150°C	1°C	300mm	76 mm	Mercury	28.60
28-112	-10 to 200°C	1°C	300mm	76 mm	Mercury	28.60
28-113	60 to 260°C	1°C	300mm	76 mm	Mercury	36.60
28-114	0 to 230°F	2°F	300mm	76 mm	Mercury	28.60
28-115	0 to 300°F	2°F	300mm	76 mm	Mercury	28.60
28-116	20 to 400°F	2°F	300mm	76 mm	Mercury	28.60
28-117	140 to 500°F	2°F	300mm	76 mm	Mercury	36.60
28-118	-20 to 110°C	1°C	300mm	76 mm	Red Spirit	28.60
28-119	-20 to 150°C	1°C	300mm	76 mm	Red Spirit	28.60
28-120	-10 to 200°C	1°C	305mm	76 mm	Red Spirit	28.60
28-121	0 to 230°F	2°F	300mm	76 mm	Red Spirit	28.60
28-122	0 to 300°F	2°F	300mm	76 mm	Red Spirit	28.60
28-123	20 to 400°F	2°F	305mm	76 mm	Red Spirit	28.60
28-124	-50 to 50°C	1°C	305mm	76 mm	Red Spirit	30.00
28-125	-100 to 50°C	1°C	305mm	76 mm	Red Spirit	50.40
28-126	-50 to 50°C	1°C	305mm	Total	Red Spirit	30.60
28-127	-100 to 50°C	1°C	305mm	Total	Red Spirit	51.10

** Auxiliary scale included at the ice point for calibration purposes
 † Accurate to within NIST tolerances
 Teflon - Reg TM E.I. du Pont de Nemours & Co.

SLS-LUX Scientific

THERMOMETERS

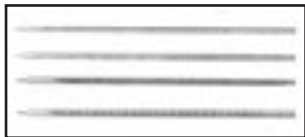
ERTCO SAMA PRECISION LABORATORY THERMOMETERS



- Specifications approved by SAMA with NIST cooperation.
- Specifications approved by ASTM subcommittee E20-05.
- Specifications accepted by American National Standards Institute.
- SAMA thermometers are recognized as a national standard.
- SAMA thermometers meet NIST requirements for accuracy.
- SAMA thermometers are individually serialized.

Cat. No.	SAMA No.	Range	Divs.	Length		Price
				mm	Immersion	
28-130	CT10	-35-50°C	1.0°C	305	Total	\$21.80
28-131	CT15	-20-110°C	1.0°C	305	Total	21.80
28-132	CT20	-20-150°C	1.0°C	305	Total	21.80
28-133	-	-10-200°C	1.0°C	305	Total	21.80
28-134	CT25	-10-260°C	1.0°C	405	Total	29.60
28-135	CT30	-10-400°C	2.0°C	405	Total	35.20
28-136	CT35	-10-500°C	2.0°C	405	Total	88.40
28-137	FT10	-30-120°C	1.0°F	305	Total	21.80
28-138	FT15	0-230°F	2.0°F	305	Total	21.80
28-139	FT20	0-300°F	2.0°F	305	Total	21.80
28-140	-	20-400°F	2.0°F	405	Total	21.80
28-141	FT25	20-500°F	2.0°F	405	Total	29.60
28-142	FT30	20-750°F	5.0°F	405	Total	35.20
28-143	FT35	20-930°F	5.0°F	405	Total	88.40

The above thermometers are furnished in YELLOW BACKED TUBING, except *furnished in Borosilicate Glass, made in White Back only.



PARTIAL IMMERSION THERMOMETERS

Cat. No.	SAMA No.	Range	Divs.	Length		Price
				mm	Immersion	
28-150	CP10	-35 to 50°C	1°C	305	76mm	\$21.80
28-151	CP15	-20 to 110°C	1°C	305	76mm	21.80
28-152	CP20	-20 to 150°C	1°C	305	76mm	21.80
28-153	-	-10 to 200°C	1°C	305	76mm	21.80
28-154	CP25	-10 to 260°C	1°C	405	76mm	29.60
28-155	CP30	-10 to 400°C	2°C	405	76mm	35.20
28-156	CP35	-10 to 500°C	2°C	405	76mm	88.40
28-157	FP10	-30 to 120°F	1°F	305	76mm	21.80
28-158	FP15	0 to 230°F	2°F	305	76mm	21.80
28-159	FP20	0 to 300°F	2°F	305	76mm	21.80
28-160	-	20 to 400°F	2°F	305	76mm	21.80
28-161	FP25	20 to 500°C	2°F	405	76mm	29.60
28-162	FP30	20 to 750°F	5°F	405	76mm	35.20
28-163	FP35	20 to 930°F	5°F	405	76mm	88.40
28-164	CFP15	-20 to 110°C & 0 to 230°F	1°C 2°F	305	76mm	23.40
28-165	CFP25	-10 to 260°C & 20 to 500°F	1°C 2°F	405	76mm	32.10
28-166	CFP30	-10 to 400°C & 20 to 750°F	2°C 5°F	405	76mm	38.50

The above thermometers are furnished in YELLOW BACKED TUBING, except *furnished in Borosilicate Glass, made in White Black only.

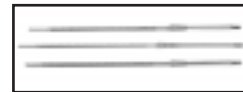
ERTCO TEFLON® COATED SAFETY THERMOMETERS WITH STANDARD TAPER JOINT



These thermometers are similar to the regular standard taper 10/30 ground joint thermometers with the added feature of Teflon® coating to protect against shock as well as contamination in the event of accidental breakage. The entire instrument is jacketed with Teflon with the exception of the ground joint. The thermometers are accurate to within NIST tolerances.

Catalog Number	Range	Divisions	Immersion	Price
28-170	-10 to 110°C	1°C	75 mm	\$37.90
28-171	-10 to 150°C	1°C	75 mm	42.00
28-172	-10 to 250°C	1°C	75 mm	46.00
28-173	-10 to 110°C	1°C	100 mm	43.20
28-174	-10 to 150°C	1°C	100 mm	44.40
28-175	-10 to 250°C	1°C	100 mm	46.80
28-176	-10 to 110°C	1°C	125 mm	44.20
28-177	-10 to 150°C	1°C	125 mm	46.70
28-178	-10 to 250°C	1°C	125 mm	49.30
28-179	-10 to 110°C	1°C	150 mm	49.30
28-180	-10 to 150°C	1°C	150 mm	50.20
28-181	-10 to 250°C	1°C	150 mm	51.60
28-182	-10 to 110°C	1°C	190 mm	52.40
28-183	-10 to 150°C	1°C	190 mm	54.10
28-184	-10 to 250°C	1°C	190 mm	56.40
28-185	-10 to 110°C	1°C	215 mm	59.50
28-186	-10 to 150°C	1°C	215 mm	59.50
28-187	-10 to 250°C	1°C	215 mm	62.10
28-188	-10 to 110°C	1°C	250 mm	62.60
28-189	-10 to 150°C	1°C	250 mm	64.40
28-190	-10 to 250°C	1°C	250 mm	64.80
28-191	-10 to 110°C	1°C	280 mm	70.40
28-192	-10 to 150°C	1°C	280 mm	71.70
28-193	-10 to 250°C	1°C	280 mm	73.90
28-194	-10 to 110°C	1°C	305 mm	76.10
28-195	-10 to 150°C	1°C	305 mm	77.00
28-196	-10 to 250°C	1°C	305 mm	79.40

ERTCO ORGANIC FILLED THERMOMETERS WITH STANDARD TAPER JOINT



Catalog Number	Range	Divisions	Immersion	Price
28-200	-10 to 110°C	1°C	76 mm	\$32.70
28-201	-10 to 150°C	1°C	76 mm	35.30
28-202	-10 to 110°C	1°C	100 mm	36.00
28-203	-10 to 150°C	1°C	100 mm	37.20
28-204	-10 to 110°C	1°C	125 mm	36.90
28-205	-10 to 150°C	1°C	125 mm	39.40
28-206	-10 to 110°C	1°C	150 mm	42.00
28-207	-10 to 150°C	1°C	150 mm	43.00

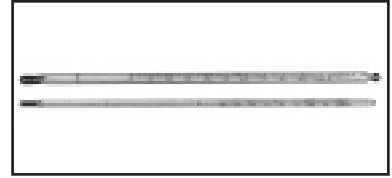
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THERMOMETERS

ERTCO PRECISION THERMOMETERS FOR SPECIAL APPLICATIONS.

Mercury Filled/Yellow Backing. Accurate to within NIST tolerances.



Catalog Number	Range	Divisions	Length mm	Immersion mm	Special Features	Applications	Teflon Coated	Price
28-210	20 to 100°C	1.0°C	305	76	1, 2	Incubator, Water Bath	No	\$39.00
28-211	20 to 100°C	1.0°C	305	76	1, 2	Incubator, Water Bath	Yes	46.30
28-212	0 to 80°C	1.0°C	250	100	-	Incubator, Water Bath	No	28.40
28-213	0 to 80°C	1.0°C	250	100	-	Incubator, Water Bath	Yes	35.70
28-214	0 to 50°C	0.5°C	305	150	1	Incubator, Water Bath	No	27.80
28-215	0 to 50°C	0.5°C	305	150	1	Incubator, Water Bath	Yes	35.10
28-216	0 to 70°C	1.0°C	330	150	1	Incubator, Water Bath	No	34.10
28-217	0 to 70°C	1.0°C	330	150	1	Incubator, Water Bath	Yes	40.80
28-218	34.5 to 46°C	0.1°C	237	76	2	Coliform Incubator	No	59.30
28-219	34.5 to 46°C	0.1°C	237	76	2	Coliform Incubator	Yes	66.60
28-220	25 to 57°C	0.5°C	175	35	2	Block Heater, Water Bath	No	37.80
28-221	25 to 57°C	0.5°C	175	35	2	Block Heater, Water Bath	Yes	45.10
28-222	0 to 100°C	1.0°C	225	35	-	Block Heater, Water Bath	No	37.50
28-223	0 to 100°C	1.0°C	225	35	-	Block Heater, Water Bath	Yes	44.70
28-224	0 to 50°C	1.0°C	100	12	-	Short Immersion Bath	No	37.50
28-225	0 to 50°C	1.0°C	100	12	-	Short Immersion Bath	Yes	44.70
28-226	-5 to 20°C	1.0°C	152	Total	2	Blood Bank, Refrigerator	No	22.20
28-227	-5 to 20°C	1.0°C	152	Total	2	Blood Bank, Refrigerator	Yes	29.50
28-228	25-37-56°C	0.5°C	240	76	2	Incubator, Water Bath	No	28.70
28-229	25-37-56°C	0.5°C	240	76	2	Incubator, Water Bath	Yes	36.00
28-230	80 to 135°C	1.0°C	200	Total	-	Autoclave, Maximum Registering	No	67.10
28-231	80 to 135°C	1.0°C	200	Total	-	Autoclave, Maximum Registering	Yes	74.30
28-232	0 to 300°C	1.0°C	405	125	1	Ovens, Oil Baths	No	34.00
28-233	0 to 300°C	1.0°C	455	150	1	Ovens, Oil Baths	No	40.30
28-234	0 to 300°C	1.0°C	610	305	1	Ovens	No	54.10
28-235	0 to 200°C	1.0°C	610	305	1	Ovens	No	54.10
28-236	0 to 200°C	1.0°C	610	305	1	Ovens	Yes	61.40
28-237	0 to 200°C	1.0°C	280	76	1	Ovens, Oil Baths	No	33.40
28-238	0 to 200°C	1.0°C	280	76	1	Ovens, Oil Baths	Yes	40.70
28-239	0 to 200°C	1.0°C	405	125	1	Ovens, Oil Baths	No	36.60
28-240	0 to 200°C	1.0°C	405	125	1	Ovens, Oil Baths	Yes	43.90
28-241	0 to 350°C	1.0°C	455	150	1	Ovens	No	54.10
28-242	24 to 130°C	2.0°C	135	Total	-	Vacuum Ovens	No	31.30
28-243	24 to 130°C	2.0°C	135	Total	-	Vacuum Ovens	Yes	38.60
28-244	35 to 200°C	1.0°C	180	Total	-	Vacuum Ovens	No	32.00
28-245	35 to 200°C	1.0°C	180	Total	-	Vacuum Ovens	Yes	39.30
28-246	24 to 38°C	0.5°C	300	95	-	Enzymology	No	65.10

SPECIAL FEATURES

1. Immersion enlargement on thermometer stem.
2. Arrows on scale indicating critical temperature.

SLS-LUX Scientific

REFRIG / FREEZERS

SOLID DOOR AND GLASS DOOR GENERAL PURPOSE LABORATORY / PHARMACY REFRIGERATORS AND FREEZERS



Utilizing Environmentally Safe, CFC-free Refrigerants. Standard Features

- Various Net Capacities - 20 CuFt., 48 CuFt. 70 CuFt.
- Modern, State-of-the-Art Styling
- Performance Rated Refrigeration System Utilizing Environmentally Safe Refrigerants
- Non-CFC Polyurethane Foam Insulation
- Chrome Plated Flow Line Handles
- Cam-Action Lift-Off Hinges
- Self-Closing Doors
- Automatic Interior Lighting
- Magnetic Snap-In Door Gasket
- Cylinder Lock In Each Door
- Automatic Electric Condensate Evaporator
- Adjustable 6" Legs
- Heavy-Duty, Epoxy-Coated Steel Shelves
- External Digital Thermometer
- Adjustable Temperature Control, Range +2°C to +8°C, Factory Preset at +4°C (Refrigerators)
- -22°C to -12°C, Factory Preset at -20°C (Freezers)
- Automatic Cycle Defrost (Refrigerators)
- Automatic Electric Defrost (Freezers)
- Stainless Steel Front, Aluminum End Panels and Interior
- Duplex Vapor Proof Outlet Per Section (Chromatography Only)
- Two 2" Diameter Access Ports (Chromatography Only)

Optional Features & Accessories (Consult SLSLUX-Call 800-220-7574)

- Casters
- 7 Day Temperature Chart Recorder
- Audible/Visual Temperature Alarm
- Chromatography Pole Assy.
- S/S Roll Out Drawers
- Doors on Both Sides
- Manual Defrost

Solid Door Refrigerators			Solid Door Freezers		
Models	CuFt.	Unit Net	Models	CuFt.	Unit Net Price
S1R	20	\$2,233.00	S1F	20	\$2,669.00
S2R	48	2,840.00	S2F	48	3,527.00
S3R	70	3,700.00	S3F	70	4,670.00



Refrigerators			Freezers		
Hinged Glass Door Models			Hinged Glass Door Models		
S1R-GD	20	\$2,671.00	S1F-GD	20	\$3,357.00
S2R-GD	48	3,379.00	S2F-GD	48	4,914.00
S3R-GD	70	4,464.00	S3F-GD	70	6,870.00

CHROMATOGRAPHY REFRIGERATORS

Utilizing Environmentally Safe, CFC-free R-134a Refrigerant.



STANDARD FEATURES

- Modern, State-of-the-Art Styling
- Performance Rated Refrigeration System Utilizing Environmentally Safe R134a Refrigerant
- 3" Non-CFC Polyurethane Foam Insulation
- Cam-Action Lift-Off Hinges
- Self-Closing Doors
- Magnetic Snap-In Door Gasket
- Cylinder Lock In Each Door
- Automatic Electric Condensate Evaporator
- Adjustable 6" Legs
- Heavy-Duty, Epoxy-Coated Steel Shelves
- External Digital Thermometer
- Double-Pane, Tempered Hinged Glass Doors
- Fluorescent Interior Lighting
- Duplex Vapor Proof Outlet Per Section
- Two 2" Diameter Access Ports
- Adjustable Temperature Control, Range +2°C to 8°C, Factory Preset at +4°C
- Standard (S/S Front, Aluminum End Panels & Interior)
- Suffix SA (S/S Exterior, Aluminum Interior)
- Suffix SS (S/S Exterior & Interior)
- Optional Features & Accessories
 - Casters
 - Additional Full Shelves
 - Pass Through Doors
 - Additional Half Shelves
 - 7 Day Temperature Chart Recorder
 - Additional Duplex Vapor Proof Outlets
 - Audible/Visual Temperature Alarm
 - Additional Access Port(s)
 - Chromatography Pole Assembly Models Available
 - Half Door
 - All Stainless Steel Construction

SPECIFICATIONS

Dimensional Data	Mdl. No.	Mdl. No.	Mdl. No.
	CH1R-GD	CH2R-GD	CH3R-GD
Hngd. Glass Door	One	Two	Three
Net Capacity (Cu. Ft.)	20	48	70
H.P.	1/3	1/2	3/4
Ex. Di.	26 x 35 1/2 x 83 1/4	52 x 35 1/2 x 83 1/4	78 x 35 1/2 x 86 3/4
Full Shlvs.	0	4	8
Hf. Shlvs.	2	2	2
Vltg.	115-60-1	115-60-1	115-208-230-60-1
AMPS	10.7	13.6	12.4
Shp. Wt. (lbs)	315	530	740
Price	\$2,880.00	\$3,685.00	\$4,865.00

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REFRIG / FREEZERS

UNDER COUNTER / WORK TOP LABORATORY/ PHARMACY FREEZERS AND REFRIGERATORS

Utilizing Environmentally Safe, CFC-free R-404A Refrigerant.
Standard Features

- Modern, State-of-the-Art Styling
- Performance Rated Refrigeration System Utilizing Environmentally Safe R404A Refrigerant
- Easily Serviceable Back Mounted Compressor
- 2" Non-CFC Polyurethane Foam Insulation
- Spring Loaded, Self Closing Door
- Magnetic Snap-In Door Gasket
- Adjustable 6" Legs
- Heavy-Duty, Epoxy-Coated Steel Shelves
- Interior Thermometer
- Cabinet Construction Consisting of Stainless Steel Front and Top, Aluminum End Panels, Case Back and Interior
- Non-Corrosive, Plasticized Fin Evaporator Coil
- Completely Enclosed, Vented and Removable Case Back
- Automatic, Energy Saving, Non-Electric Condensate Disposal
- 10 ft. Cord and Plug Attached
- Automatic Electric Defrost (Freezers)
- Adjustable Temperature Control, Range -20°C to -12°C, Factory Preset at -18°C (Freezers)
- Adjustable Temperature Control, Range +2°C to 8°C, Factory Preset at +4°C (Refrigerators)

Standard (S/S Front, Aluminum End Panels & Interior)

Suffix SA (S/S Exterior, Aluminum Interior)

Suffix SS (S/S Exterior & Interior)

Optional Features & Accessories

- Casters • Electrical
- Remote Models
- Stainless Steel End Panels
- Stainless Steel Interior & Exterior
- Condensate
- Additional Shelves
- 6" Back Splash
- Manual Defrost



Dimensional Data	Model No. UCWF-27 Freezer	Model No. UCWF48 Freezer	Model No. UCWF60 Freezer
Net Capacity (Cu. Ft.)	7.4	13.4	17.0
Exterior Dimensions Inches W x D x H	27 1/2 x 30 x 36	48 x 30 x 36	60 x 30 x 36
Shelves	1	2	2
Voltage	115-60-1	115-60-1	115-60-1
AMPS Freezer	5.5	7.9	8.1
H.P.	1/4	1/3	1/3
Shipping Wt. (lbs)	175	265	305
Price	\$1,554.00	\$2,147.00	\$2,590.00

Dimensional Data	Model No. UCW-27 Refrigerator	Model No. UCW48 Refrigerator	Model No. UCW60 Refrigerator	Model No. UCW72 Refrigerator
Net Capacity (Cu. Ft.)	7.4	13.4	17.0	20.6
Exterior Dimensions Inches W x D x H	27 1/2 x 30 x 36	48 x 30 x 36	60 x 30 x 36	72 x 30 x 36
Shelves	1	2	2	3
Voltage	115-60-1	115-60-1	115-60-1	115-60-1
AMPS Freezer	6.0	6.9	7.8	8.7
H.P.	1/5	1/5	1/4	1/4
Shipping Wt. (lbs)	165	248	284	318
Price	\$1,351.00	\$1,892.00	\$2,080.00	\$2,458.00

FREEZ GUARD

CAN SAVE YOU MORE THAN TIME AND MONEY!

Freez Guard alerts you to freezer or cooler temperature fluctuations. Economical and convenient it has a monitoring range of -5° to 55°F making it ideal for use with freezers or coolers containing temperature-sensitive materials. When temperature drifts beyond the activation point Freez Guard's loud alarm (85dB at 3') will sound continuously while temperature is out of range (for up to 3 days). Even if the temperature corrects itself and the alarm shuts off, an LED indicator stays lit to indicate that a variance has occurred alerting users to possible damage to contents.

Freez Guard is compact, battery operated and easy to use. It can be mounted on or near any freezer or cooler with either self-adhesive tape or a screw-mounting, and has a 10' probe connection for flexible mounting location. The alarm activation point can be set to register either upward or downward temperature drift with accuracy of ±1%. Freez Guard runs on a 9V battery (not included), has an indicator which beeps when a fresh battery is needed (once a year) and has an additional battery connector for extended maintenance-free operation.

8-100	Freez Guard	ea.	\$91.67
8-101	Battery, 9V	ea.	6.95



ENVIRONMENTAL TEMP. RECORDERS

The DeltaTRAK™ Environmental Temperature Recorders are compact, sturdy analog temperature monitoring and recording instruments which are ideal for monitoring refrigerators, incubators, cold rooms, or any situation where temperature is important. They produce a continuous strip chart recording of environmental conditions for up to 62 days, and have a window which provides visible access to the current and recorded data for the last 24 hours. The Recorders use one Alkaline AAA battery and have a solid state quartz motor and a Bi-Metal Coil temperature sensor with an accuracy of ±2°F (1°C) and ±20 sec/month.

The DeltaTRAK Recorders are available in two temperature ranges. Low range is -20 to 100°F and high range is 30 to 150°F. All Recorders use a 36" strip chart (which can be replaced in seconds), so the recorders for shorter time periods provide a more detailed record. The 3 day and 10 day models are available in either high or low range, the 31 day model is low range only and the 62 day model is high range only. All recorders have a high impact ABS casing, wall mounting bracket, hanging loop, internal switch, security seal and operational indicator, and are supplied with one chart. Dimensions are 4" x 7" x 2 1/4", weight is 13oz. Fahrenheit model is supplied unless centigrade is specified when ordering. Please be sure to specify 3, 10, 31 or 62 day model, and for 3 and 10 day models specify high or low temperature range. When ordering charts please specify which model they are for.

8-102	Delta-TRAK Environmental Temperature Recorder	\$195.00
8-103	Delta-TRAK Environmental Replacement Charts	25.00



SLS-LUX Scientific

CRYOGENICS

CRYOGENIC VIALS WITH INTERNAL THREADS ROUND BOTTOM STERILIZED



Catalog No.	Size ML	Dia x Hgt MM	Shelf Pack	Case Pack	Case Price
1-115	2	12x48	50	500	\$134.71
1-116	4	12x70	50	500	171.41
1-117	5	12X90	50	500	185.72

INTERNAL THREADS SELF-STANDING STERILIZED



Catalog No.	Size ML	Dia x Hgt MM	Shelf Pack	Case Pack	Case Price
1-118	1.2	12x42	50	500	\$142.84
1-119	2	12x49	50	500	157.15
1-120	4	12X71	50	500	171.41

STERILIZED CRYOGENIC VIAL CAPS POLYPROPYLENE



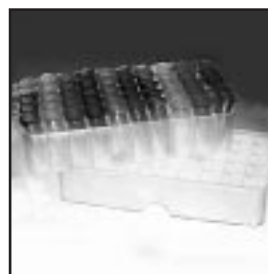
Catalog No.	Color	Case Pack	Case Price
1-121R	Red	100	\$17.23
1-121B	Blue	100	17.23
1-121G	Green	100	17.23
1-121Y	Yellow	100	17.23
1-121W	White	100	17.23

STOPPER CAP INSERTS FOR COLOR CODING



Catalog No	Color	Case Pack	Case Price
1-122R	Red	500	\$18.02
1-122B	Blue	500	17.94
1-122G	Green	500	17.94
1-122Y	Yellow	500	17.94
1-122W	White	500	17.94

CYRO-STORAGE BOXES



50 place Cryo-Storage Boxes allow viewing of inner contents without removal from freezer, eliminating the risk of temperature shift. Each rugged polypropylene box has a frosted writing surface on the lid for fast, easy identification and a telescoping lid which allows the box to accommodate a variety of microtube and cyrotube shapes and sizes. Ideal for freezer, refrigerator or benchtop.

The accompanying long-life, felt-tip Cryo-Pen provides a fine line which is indelible to -80°C, allowing permanent, non-streakable indexing on outside of box. Sold in a pack of 5 boxes with 1 pen.

1-123	Cryo-Storage Box	pk/5	\$24.95
1-124	Cryo-Pen, replacement	ea.	4.95

DEWARS CRYOGENIC VAC-SEAL CONTAINERS



Our Dewars line is superb for the storage and transportation of liquid gases and solid Co₂.

The 31-000 series are Stainless Steel with a fully silvered borosilicate glass inner flask. Lids are insulated, vented and fitted with fixing clips, and the containers have a comfortable swing-over safety handle.

The 31-001 series are unbreakable all stainless steel containers which are resistant to vibration, impact or shock. They are safe and easy to use for storage of liquid oxygen, nitrogen and other low temperature liquid gases. Supplied with lids and a detachable carrying handle.

31-000-010	1.OL	245x120mm	\$197.00
31-000-020	2.OL	270x145mm	226.30
31-000-045	4.5L	343x185mm	313.00
31-001-010	1.OL	177x122mm	262.00
31-001-020	2.OL	313x122mm	344.50
31-001-030	3.OL	190x200mm	450.30
31-001-060	6.OL	300x200mm	703.70

GOT A HOT SAMPLE? WARN 'EM WITH RAD/DOTS



At last a quick and easy way to label those microtubes which are hazardous to your lab personnel. These tiny but highly visible Radioactive Warning Labels are designed to fit on microtubes caps or sides for quick and easy identification of "hot" contents as you look at your rack. Rad/Dots come 1,000 dots to a roll.

1-125	Rad/Dot Labels	roll/1000	\$22.00
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CRYOGENIC VIALS

Vials are ideal for storage or transport of material at extremely low temperatures. The vials have external threads, providing a smooth and uniform inner surface. This eliminates the problem of airborne contamination and/or sample loss so common when vials with internal threads are used. The screwcap incorporates a molded-in sealing ring which assures a tight leakproof seal.

- Graduated in .5ml increments.
- Conical bottom with slotted skirt.

WORK STATION RACK

The 50-hole autoclavable rack is designed with slotted cavities to accept vials with slotted skirts. When placed in the holes the vials become locked in position, enabling the user to turn the cap with one hand. Size is approximately 7" x 4" x 1", and has alphanumeric indexing.



Catalog Number	Description	Inner Pack	Case Pack	Case Price
1-100	2.0ml Vials, with caps	500/bag	1000	\$66.00
1-101	2.0ml Vials, sterile with blue caps	100/bag	500	60.00
1-102	2.0ml Vials, sterile with assorted caps	100/bag/color	500	62.00
1-103	2.5ml Vials, with caps	500/bag	1000	66.00
1-104	2.5ml Vials, sterile with blue caps	100/bag	500	60.00
1-105	2.5ml Vials, sterile with assorted caps	100/bag/color	500	62.00
1-106	3.5ml Vials, with caps	250/bag	1000	76.00
1-107	3.5ml Vials, sterile with blue caps	100/bag	500	64.00
1-108	3.5ml Vials, sterile with assorted caps	100/bag/color	500	70.00
1-109	Work Station Rack			
	Accepts All Cryogenic Vials	1	1	9.00

CRYO-STORAGE RACKS

Cryo-Storage Racks are specifically designed to hold Cryo-Storage Boxes for storage and inventory. Constructed of rust-proof, chemically resistant anodized aluminum to withstand the rigors of cold storage, each rack has a neoprene coated handle to protect fingers from sticking, and no-skid, no-scratch feet. A variety of sizes and configurations fit most freezers. Vertical configurations are 17.8Wx15.3D cm and hold 2 boxes per tier, horizontal configurations are 36.7Wx15.3D cm and hold 3 boxes per tier. Height varies with capacity (see below).



1-215	Vertical	24.2cm	8 bx.	\$106.25
1-216	Vertical	30.5cm	10 bx.	112.50
1-217	Vertical	47cm	16 bx.	143.75
1-218	Vertical	54cm	18 bx.	150.00
1-219	Vertical	59.1cm	20 bx.	168.75
1-220	Horiz.	18.5cm	9 bx.	112.50
1-221	Horiz.	24.1cm	12 bx.	133.75
1-222	Horiz.	30.5cm	15 bx.	136.25

STYROFOAM MICROTUBE BOXES

These boxes are ideal for freezer storage. They won't freeze fingers when touched and holes are widely spaced for easy selection of a single tube. Each box holds 100 each 1.5ml or 2.0ml microtubes in 5 rows of 20 alpha-numerically indexed holes, measures 9.4 x 33.8 x 6.3cm and has a snug fitting cover with a finger grip notch. Sold in packs of 10 boxes.



1-123	Styrofoam Microtube Boxes	pk/10.	36.00
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CRYOGENIC VIALS

Ideal for storing cell cultures, blood serum, sperm and other biological specimens with liquid nitrogen.

Vials are available with round bottom and free standing available with internal and external threads, sterilized or non sterilized. All vials have a white marking area for sample identification.



EXTERNAL THREAD WITH ROUND BOTTOM NONSTERILIZED

Catalog No.	Size ML	Dia x Hgt MM	Case Pack	Case Price
1-111	2	12x44	1000	\$260.39

EXTERNAL THREAD WITH ROUND BOTTOM STERILIZED

Catalog No.	Size ML	Dia x Hgt MM	Case Pack	Case Price
1-112	1	12x24	500	\$150.00
1-113	2	12x44	500	175.00

EXTERNAL THREAD WITH SELF STANDING STERILIZED WITH COLOR CODED CAPS

Catalog No.	Cap Color	Size ML	Dia x Hgt MM	Shelf Pack	Case Pack	Case Price
1-114W	White	2	12x46	50	500	\$138.00
1-114R	Red	2	12x46	50	500	138.00
1-114P	Pink	2	12x46	50	500	138.00
1-114Y	Yellow	2	12x46	50	500	138.00
1-114G	Green	2	12x46	50	500	138.00
1-114B	Blue	2	12x46	50	500	138.00



SLS-LUX Scientific

CENTRIFUGE

POXYGRID® RACK FOR 15ML CONICAL BOTTOM CENTRIFUGE TUBES



This rack is constructed of sturdy epoxy coated steel wire and has openings 18mm square for 15ml conical bottom centrifuge tubes. The rack consists of 3 "decks" created from flattened wire to provide generous spaces between tubes so that individual tubes are easy to handle. The top two decks are centered over the rails in the bottom deck holding the conical tips of the tubes firmly and assuring vertical positioning. The rack measures 5"W x 3"D x 3"H (127 x 75 x 75mm) and holds 15 tubes.

2-126 15ml Centrifuge Tube Rack \$17.95

80-WELL TRAY RACK THAT CAN BE USED IN THE HORIZONTAL OR VERTICAL POSITION



This 80-Well Tray Rack holds six 80-well microtube trays. It fits between the shelves of most refrigerators and freezers and can be placed in a vertical or horizontal position. Each slot is 3 2/4" x 23/4" and will accommodate our 80-Well Tray with or without its lid. Over all dimensions are 9"H x 6"W x 83/4" deep.

New covers make our standard 80-place trays easier to handle and store. Durable transparent polypropylene lid snaps securely in place. Raised lip permits stacking of several trays for convenience. Tray with lid height is 21/4". Trays hold 0.75 or 1.5ml vials or microtubes and are available in clear, blue, green, orange, purple, red yellow or assorted. Specify color of tray when ordering.

2-128 80-Well Trays pk/7 \$42.50
 2-129 80-Well Tray Lids pk/7 32.50
 2-130 80-Well Tray Rack ea. 90.00

PERSONAL MINI-CENTRIFUGE

This personal microcentrifuge requires only five square inches of bench space and weighs only one pound. It is designed for applications that do not require extremely high g-forces or large tube volumes. The 6 place angle rotor accepts standard 1.5ml tubes and microfiltration units directly. Smaller tubes, such as 0.4ml or 0.5ml can also be accommodated, using adapters. This mini-centrifuge is easy to use - simply close the lid to start a run and release the lid to stop a run.

- Useful for quick spin downs from walls or caps of microcentrifuge tubes, microfiltration of HPLC samples and cell separations.
- Stops and starts in seconds.
- Supplied complete with 6 adapters for 0.5ml tubes.

SPECIFICATIONS

Max. speed 6000 rpm
 Max. RCF: 2000 xg
 Max. capacity: 12ml (6 x 2.0ml)
 Electrical: 115V/60 Hz.
 Weight: 1 lb.



Cat. No.	Description	Price
2-131	Mini centrifuge with 6 adapters for 0.5ml tubes	\$279.00
2-132	Extra adapters for 0.5ml tubes, pk/6	32.00
2-133	Adapter for 0.4ml tubes, pk/6	32.00

MICROTUBES ARE EASY TO HANDLE WITH A WATER/ICE BATH RACK

Transfer 1.5ml microfuge tubes from boiling water to icebath in microseconds without scalding your fingers or losing precious samples that can so easily slip through makeshift foil slots. The Water/Ice/Bath Rack is constructed of anodized aluminum with a screwdown top which secures tubes, prevents them from floating and keeps tube caps from popping open. It also has a thermometer slot. The Round models are designed to fit all standard size beakers.

ROUND WATER/ICE BATH RACKS

	DIA.	NO. TUBES	BEAKER SIZE	PRICE
2-135	5.8cm	6	250ml	\$46.50
2-136	6.5cm	8	400ml	46.50
2-137	8.2cm	13	600ml	46.50
2-138	8.9cm	16	800ml	46.50
2-139	9.5cm	16	1000ml	46.50

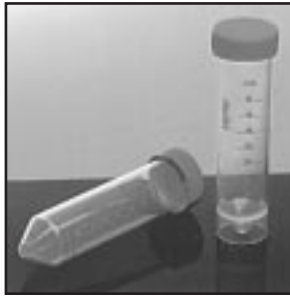
RECTANGULAR WATER/ICE BATH RACKS

	RACK SIZE (cm)	NO. TUBES	PRICE
2-140	7.8Wx12.1Lx4.1H	24	\$35.00
2-141	9.2Wx26.7Lx5.4H	48	46.50



CENTRIFUGE TUBES STERILE (PP)

These 50ml polypropylene centrifuge tubes are manufactured in a special clear grade of polymer used for producing medical devices. The tubes are printed with clear blue graduations available in either skirted or non-skirted design with EPS racks. Tubes come in cases of 250 but with inner packs of 25.



Cat No.	Desc.	Cap.ml	Sterility	Length x Breadth	Number /case	Price /case
2-100	Non Skirting*	50	lr	115x31	250	\$82.80
2-102	Free Standing	50	lr	114x31	250	82.80

*EPS Rank included

ROUND CENTRIFUGE TUBES

- POLYPROPYLENE
- LOW COST ENOUGH TO BE DISPOSABLE
- USEFUL AS TEST TUBES



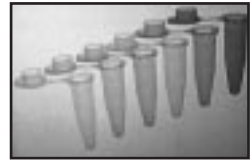
Round tubes with beaded rim. Will withstand RFC up to 5000. Resistant to steam sterilization (121°C). Optional closures available. (see below)

Cat. No.	Cap. ml	Dia. x Ht. mm	Price/pkg.	No. in Cs.	Price/Cs.
2-102	7	12 x 100	\$18.50/100	500	\$92.50
2-103	10	16 x 100	30.00/250	1000	120.00
2-104	16	18 x 100	27.00/200	1000	135.00
2-105	26	24 x 90	15.50/50	500	155.00
2-106	48	30 x 100	12.20/25	250	122.00
2-107	75	30 x 100	15.00/20	200	150.00
2-108	110	40 x 100	19.90/20	200	199.00
2-109	160	45 x 120	15.00/10	100	150.00
2-110	200	50 x 120	17.50/10	100	175.00

POLYETHYLENE CLOSURES FOR ABOVE TUBES. PACKED IN BAGS OF 100.

Cat. No.	mm	To Fit	No. in Cs.	Price/Cs.
2-116	12	2-102	500	\$12.80
2-117	16	2-103	1000	31.40
2-118	18	2-104	1000	40.50
2-119	24	2-105	500	28.00
2-120	30	2-106	250	21.00
2-121	35	2-107	200	22.00
2-122	40	2-108	200	25.00
2-123	45	2-109	100	12.50
2-124	50	2-110	100	14.00

PREMIUM GRADE 1.5ML MICROTUBES IN 6 COLORS AT INCREDIBLE PRICES



These premium polypropylene Microtubes have many features formerly found only in tubes costing 3 to 4 times more. Graduated on one side, with a frosted writing surface on the other, the tubes are free from flash, air bubbles and undue variations of wall thickness. The easy-opening lid provides a leakproof seal, is uniformly 0.3mm thick and easily pierced. Quality tested at 40,000 RCF before releasing, the tubes are available in natural, yellow, blue, green, orange, amber or a rainbow pack of 100 of each of the 6 colors. Please specify color when ordering.

2-111	Prem. Microtubes, natural	cs/1000	\$18.90
2-112	Prem. Microtubes, colored	cs/1000	20.00
2-113	Prem. Microtubes, assorted	cs/600	14.60

DISPOSABLE MICRO TEST TUBES

High quality polypropylene microfuge tubes, with added thickness at the bottom to avoid leakage during centrifugation. Attached pierceable cap can be used on the latest Eppendorf® automatic machine. Available in 0.5 ML or 1.5ML sizes in bags of 1000.



2-114	Micro Tubes, 0.5ML	bag/1M	\$20.70
2-115	Micro Tubes, 1.5ML	bag/1M	17.90

CENTRIFUGE BOTTLES WITH CONICAL OR ROUND BOTTOMS CAN'T STAND ALONE...



But they will stay stable and upright in this Poxygrid® Rack. Constructed of blue epoxy-coated steel wire, this rack holds 6 centrifuge bottles up to 250ML (60mm diameter). The unique design has 2 levels, with rails on the bottom level to hold conical tips. Dimensions: 83/16"W x 55/16"D x 4"H.

2-125	Centrifuge Bottle Rack	\$15.10
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SLS-LUX Scientific

CENTRIFUGE

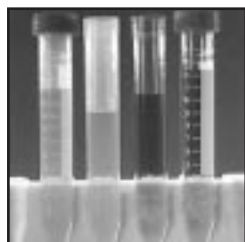
MICROTUBE RACKS WITH UNIQUE BUILT IN WATER/ICE BATH

These racks are comprised of two pieces: the top is a tube rack and the bottom is a tray which holds water or crushed ice. Combine them for a system that is a self-contained, no mess water or ice bath. The racks are constructed of high impact grey styrene, and are available in 3 sizes, one for 0.4ml tubes and two for 1.5ml tubes. The 105 place 0.4ml rack and the 50 place 1.5ml rack are stackable.



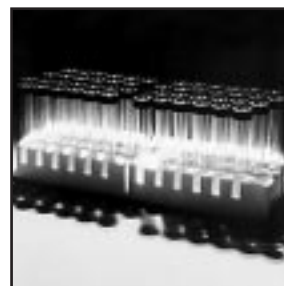
2-180	Microtube Rack, for 105 0.4ml tubes up to 8mm dia. 8 1/2"L x 4 7/8"W x 2 5/8" H	\$39.95
2-181	Microtube Rack, for 50 1.5ml tubes up to 12mm dia. 8 1/2"L x 4 3/4"W x 2 1/4" H	33.95
2-182	Microtube Rack, for 120 1.5ml tubes up to 12mm dia. 16"L x 5 5/8"W x 2 1/4" H	49.95

15ML NON-STERILE CENTRIFUGE TUBES



- Available in threaded and non-threaded versions.
- Available in Super-Vu® polypropylene for chemical resistance and greater strength or Ultra-Vu® polystyrene for optical clarity.
- 15ml size = 118.0mm x 16.5mm.
- Ultra-Vu polystyrene tubes are designed to withstand up to 1800 RCF; Super-Vu polypropylene up to 6250 RCF.
- Large write-on area for easy sample identification.
- Printed or molded in graduations show increments of 0.1ml from 0.1ml, then increments of 0.5ml from 1-15ml.
- **CHOICE OF CAPS:**
 BLUE PLUG SEAL – one piece, polyethylene, leak-resistant caps.
 NATURAL PLUG SEAL – used with Metal-Free 15ml.
 PLUG-TITE – for straight wall tubes.

STERILE 15ML CENTRIFUGE TUBES



- Sterilized in accordance with AAMI Guidelines by irradiation.
- Available in bags or Centri-Pack® Racks.
- Centri-Pack Racks are made of recyclable, expanded polystyrene foam. Each slot is numbered and the rack can be snapped apart to form individual work stations.
- Centri-Pack Racks are shipped in tamper evident zip-seal bags.

MOLDED-IN GRADUATIONS ON STRAIGHT WALL (UNTHREADED) WITHOUT CAP

Catalog No.	Material	Case Qty.	Case Price
2-190	Styrene	1000/Bag	\$46.00
2-191	Styrene	10 Boxes of 100	55.00
2-192	Propylene	1000/Bag	46.00
2-193	Propylene	10 Boxes of 100	55.00
2-194	Large Plug-Tite Cap	1000/Bag	25.00

MOLDED-IN GRADUATIONS ON SCREW CAP TUBES

Catalog No.	Material	Cap Type	Case Qty.	Case Price
2-195	Styrene	Plug Seal, Bl.	4 Bgs of 250	\$85.00
2-196	Propylene	Plug Seal, Bl.	4 Bgs of 250	88.00
2-197	Propylene, Metal-Free	Plug Seal, Nat.	4 Bgs of 250	92.00

PRINTED GRADUATIONS ON SCREW CAP TUBES

2-198	Styrene	Plug Seal, Blue	4 Bags of 250	\$100.00
2-199	Propylene	Plug Seal, Blue	4 Bags of 250	103.00

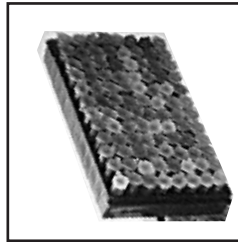
15ML STERILE CENTRIFUGE TUBES MOLDED-IN GRADUATIONS ON SCREW CAP TUBES

Cat. No.	Material	Cap Type	Case Qty.	Case Price
2-200	Styrene	Plug Seal, Blue	40 Bags of 25	\$142.00
2-201	Styrene	Plug Seal, Blue	10 Racks of 50	90.00
2-202	Propylene	Plug Seal, Blue	40 Bags of 25	145.00
2-203	Propylene	Plug Seal, Blue	10 Racks of 50	93.00

PRINTED GRADUATIONS ON SCREW CAP TUBES

Cat. No.	Material	Cap Type	Case Qty.	Case Price
2-204	Styrene	Plug Seal, Blue	10 Racks of 50	\$99.00
2-205	Styrene	Plug Seal, Blue	40 Bags of 25	151.00
2-206	Propylene	Plug Seal, Blue	10 Racks of 50	102.00
2-207	Propylene	Plug Seal, Blue	40 Bags of 25	154.00

BESTRACK™ HOLDS 96 TUBES



The new BestRack for microfuge tubes is ingeniously designed to accept 96 each 0.5ML tubes on one side, or 96 each 1.5 or 2.0ML tubes on the other. The transparent lid fits either side and has enough clearance to accommodate higher profile screw-cap microtubes. Both sides are in a standard 8x12 matrix for users needing a microtiter format, have a frosted area for labeling and the holes are spaced for easy handling and access so all 96 places can be used at once. The autoclavable BestRack and lid are constructed of durable polypropylene and are available in natural, blue, green, orange, red, violet or yellow. Specify color when ordering. Sold in a pack of 5 racks with lids.

IT'S REVERSIBLE

2-142 BestRack w/ lid pk/5 \$61.25

DYNA CHILL™ PORTABLE COOLER



Keep Your Samples Cold as Ice...

Keeps samples cold for eight hours or longer

Small enough to fit in the palm of your hand, yet holds 12 x 1.5ML tubes

Requires no ice. Patented refrigerant in sides, bottom and lid surrounds samples in cold

Ideal for enzyme storage and transporting samples

Portable coolers available for 0°C and -15°C

Catalog Number	Description	Price
2-147	DyNA Chill Port. Cooler, 0°C, 12 x 1.5/2.0 ML ea	\$35.00
2-148	DyNA Chill Port. Cooler, -15°C, 12 x 1.5/2.0 ML ea	35.00

THE ONLY HEATING BLOCK FOR MICROTUBES WITH CONICAL BOTTOMS



Lux's new Heating Blocks for 0.5ML and 1.5ML microtubes has specially drilled holes which fit the conical shape of microtube bottoms, providing close contact with the entire tube and even heat distribution throughout the sample, without filling holes with sand or water. These solid aluminum Heating Blocks are accurate to ±1/2°C and reach temperature faster than a water bath.

Designed to run all day, every day, year after year the Blocks hold 40 tubes and are fully adjustable from ambient to maximum, with a recessed temperature control to prevent accidental resetting. The Blocks are available in two temperature ranges, ambient to 65°C and ambient to 110°C* and two sizes, one for 0.5ML tubes and one for 1.5ML tubes. All Blocks measure a compact 8"D x 4"W x 3"H and run on 120VAC current.

*If you are working at temperatures under 65° we recommend using the lower temperature model for greater accuracy.

2-143	Heating Block-0.5ML tubes-65°	\$280.00
2-144	Heating Block-1.5ML tubes-65°	280.00
2-145	Heating Block-0.5ML tubes-110°	280.00
2-146	Heating Block-1.5ML tubes-110°	280.00

MICRO TUBE CUTTER



Safely and easily removes the tips from plastic micro tubes without the hazards of using razor blades or knives. Radioactive pellets caught in the tips may be retrieved without re-suspension or splashing. Works well with microfuge tubes up to 1.5ML and composed of polyethylene, polypropylene, or polyallomer. Not recommended for polystyrene. Minimum cut diameter is .370 (9.4mm).

2-150	Micro Tube Cutter.	\$13.95
2-151	Replacement Blade	5.95

SCREW CAP CENTRIFUGE TUBES

Premium quality general purpose centrifuge tubes with optional printed graduations. Supplied with caps

Easy To Read

- Available with molded-in graduations, or for exceptional reading ease, printed graduations
- Large writing area makes identification simple.

Superior Clarity & Durability

- 50ML: Made from premium polypropylene copolymer for excellent chemical resistance; withstands temperature extremes of -40°C to 125°C; high centrifugation of 6000 RCF; exceptional quality.
- 15ML: Available in polystyrene or polypropylene. Polystyrene offers glass-like clarity and can withstand 1800 RCF. Polypropylene has excellent chemical resistance and can withstand 6400 RCF.

Various Packaging

- Available in Bulk, Bag Pack, or expanded styrene Foam Trays.
- Available non-sterile, or sterile by gamma irradiation.

Leakproof Seal

- Molded in seal-ring ensures a leakproof seal without the contamination problems associated with cap liners.



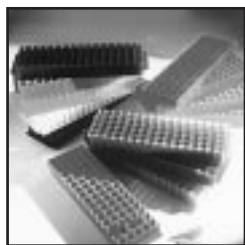
Volume	Material	Sterile	Inner Pack	Printed Graduations		Molded in Graduations	
				Catalog Number	Case Price	Catalog Number	Case Price
15ML	Polystyrene	Sterile	Tray 50	500	2-160P \$ 76.00	2-160M	\$ 66.00
15ML	Polypropylene	Sterile	Tray 50	500	2-161P 76.00	2-161M	66.00
15ML	Polystyrene	Sterile	Bag 25	500	2-162P 68.00	2-162M	58.00
15ML	Polypropylene	Sterile	Bag 25	500	2-163P 68.00	2-163M	58.00
15ML	Polystyrene	Non-Sterile	Bag 500	500	2-164P 55.00	2-164M	45.00
15ML	Polypropylene	Non-Sterile	Bag 500	500	2-165P 55.00	2-165M	45.00
50ML	Co-Polymer	Sterile	Tray 25	500	2-166P 109.00	2-166M	97.00
50ML	Co-Polymer	Non-Sterile	Bag 500	500	2-167P 72.00	2-167M	60.00
50ML	Co-Polymer	Sterile	Bag 25	500	2-168P 99.00	2-168M	87.00
50ML	Co-Polymer	Non-Sterile	Tray 25	500	2-169P 102.00	2-169M	90.00
50ML	Co-Polymer	Non-Sterile	Bag 25	500	2-170P 92.00	2-170M	80.00

SLS-LUX Scientific

CENTRIFUGE

CENTRIFUGE TUBE RACKS

80-HOLE MICROTUBE RACK & COLLECTION PLATE



- For sample storage of microcentrifuge tubes, including 2.0ml size.
- Conical bottoms are ideal for fraction collection directly into the wells.
- Available in natural and a wide variety of colors.
- Manufactured from durable polypropylene that withstands autoclaving and freezing.
- Well dimensions:
0.99 inches (25.13 mm)H,
0.465 inches (11.80mm)D.

80-HOLE MICROTUBE RACK & COLLECTION PLATE

Catalog No.	Color	Pack Qty.	Price
2-260	Natural	5	\$29.00
2-260B	Blue	5	29.00
2-260G	Green	5	29.00
2-260O	Orange	5	29.00
2-260R	Red	5	29.00
2-260Y	Yellow	5	29.00
2-260BK	Black	5	29.00
2-261	Assorted	5	31.50

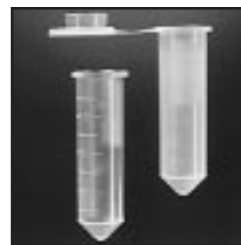
40-HOLE MICROTUBE RACK

- 40-position
- High impact blue polystyrene rack.
- For storage and transport of 1.5 and 1.9mL tubes.

MOLDED-IN GRADUATIONS ON SCREW CAP TUBES

Catalog No.	Description	Pack	Price
2-265	40-position rack	1	\$15.00

MICROCENTRIFUGE TUBES



Precision molded microcentrifuge tubes are available in an assortment of sizes and colors to meet your needs.

Ease of Use

- Polypropylene tubes have: flat tops for writing on, graduations, and writing area on the side of the tube. All tubes tolerate centrifugal forces of up to 16,000 RCF.

Cat. No.	Description	Material	Color	Case Qty.	Case Price
2-270	400ul Micro-Tube	Polyethylene	Natural	1000	\$24.00
2-271	500MI Micro-Tube	Polypropylene	Natural	1000	24.00
2-272	1.5MI Micro-Tube	Polypropylene	Assorted	1000	26.00
2-273	1.5MI Micro-Tube	Polypropylene	Natural	1000	24.00
2-274	1.5MI Micro-Tube	Polypropylene	Amber	1000	24.00
2-275	1.5MI Micro-Tube	Polypropylene	Blue	1000	24.00
2-276	1.5MI Micro-Tube	Polypropylene	Green	1000	24.00
2-277	1.5MI Micro-Tube	Polypropylene	Orange	1000	24.00
2-278	1.5MI Micro-Tube	Polypropylene	Pink	1000	24.00
2-279	1.5MI Micro-Tube	Polypropylene	Yellow	1000	24.00
2-280	2.0MI Micro-Tube	Polypropylene	Assorted	1000	26.00
2-281	2.0MI Micro-Tube	Polypropylene	Natural	1000	24.00
2-282	2.0MI Micro-Tube	Polypropylene	Amber	1000	24.00
2-283	2.0MI Micro-Tube	Polypropylene	Blue	1000	24.00
2-284	2.0MI Micro-Tube	Polypropylene	Green	1000	24.00
2-285	2.0MI Micro-Tube	Polypropylene	Orange	1000	24.00
2-286	2.0MI Micro-Tube	Polypropylene	Pink	1000	24.00
2-287	2.0MI Micro-Tube	Polypropylene	Yellow	1000	24.00

MICROCENTRIFUGE RACK

Cat. No.	Description	Case Qty.	Price
2-290	36-position Rack for 500mL Tubes 5 Assorted Colors, Red, Blue, Orange Yellow, Green	5	\$20.00

AN INEXPENSIVE RACK FOR PROCESSING A SMALL NUMBER OF RADIOACTIVE SAMPLES



This beta blocking rack is a real help in the storage and manipulation of samples which contain beta radiation and is ideal for DNA sequencing. The solid, molded, clear acrylic block holds 13 1.5ml tubes, and the clear tight-fitting lid allows space for the microtube flip tops. Each well is 11mm in diameter and overall dimensions are 21/16"W x 41/8"L x 27/16" high.

3-100	13 Tube Beta Block Rack	\$24.50ea.
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A COMFORTABLE SPLASH SHIELD TRULY DESIGNED WITH THE USER IN MIND



The risk of exposure to increasingly virulent blood-borne pathogens makes using a shield a must, so it's about time someone designed a shield that is easy and comfortable to use. The gentle bend is set at 91/2" so it's below, not in, the normal line of sight. The lower area is just 12" wide to eliminate awkward reaching and make working behind the shield more comfortable, the 20" wide top area gives greater protection against accidental splashes, and the 12" deep base provides excellent stability. The shield is designed to be used comfortably from either a standing or sitting position and is fabricated from 1/4" clear acrylic for strength, durability and ease of viewing. Base: 16"W x 12"D; Face Area: 20"W x 101/2"H; Overall: 20"W x 12"D x 20"H.

3-101	Splash Shield	\$57.50
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50ML CENTRIFUGE TUBES



- Super-Vu® polypropylene tubes withstand up to 6000 RCF.
- 50mL size = 116 x 29mm.
- Choice of conical bottom with or without freestanding base.
- Printed or molded-in graduations show increments of 2.5mL from 0–10mL, then increments of 5mL from 10–50mL.
- Large write-on area for easy sample identification.
- **Choice of screw caps:**
BLUE PLUG SEAL – one piece, polyethylene, leak-resistant caps.

NATURAL PLUG SEA – used with Metal-Free Cap 50mL.

WHITE TITSEAL – linerless write-on flat, polyethylene cap.

50ML CENTRIFUGE TUBES MOLDED-IN GRADUATIONS OF SUPER-VU POLYPROPYLENE WITHOUT BASE

Catalog No.	Cap Type	Case Qty.	Case Price
2-210	Plug Seal, Blue	10 Bags of 50	\$90.00
2-211	Plug Seal, Natural, Metal-Free	10 Bags of 50	97.00
2-212	TiteSeal, White	10 Bags of 50	100.00

MOLDED-IN GRADUATIONS ON SUPER-VU POLYPROPYLENE WITH FREE-STANDING BASE

2-213	Plug Seal, Blue	10 Bags of 50	93.00
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PRINTED GRADUATIONS ON SUPER-VU POLYPROPYLENE WITHOUT BASE

2-214	Plug Seal, Blue	10 Bags of 50	105.00
2-215	TiteSeal, White	10 Bags of 50	115.00

PRINTED GRADUATIONS ON SUPER-VU POLYPROPYLENE WITH FREE-STANDING BASE

2-216	Plug Seal, Blue	10 Bags of 50	103.00
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STERILE 50ML CENTRIFUGE TUBES



- Sterilized by irradiation in accordance with AAMI Guidelines
- Two packaging configurations: Bags and Centri-Pack® Racks.
- Centri-Pack Racks are made of recyclable expanded polystyrene foam. Each slot is numbered, and racks can be snapped apart to form individual work stations which may be stored in low temperature conditions in Elkay's re-closable, zip-seal bags.

50ML STERILE CENTRIFUGE TUBES MOLDED-IN GRADUATIONS ON SUPER-VU POLYPROPYLENE WITHOUT BASE

Catalog No.	Screw Cap Type	Case Qty.	Case Price
2-220	Plug Seal, Blue	20 Bags of 25	\$101.00
2-221	Plug Seal, Blue	20 Racks of 25	110.00
2-222	TiteSeal, White	20 Racks of 25	120.00

MOLDED-IN GRADUATIONS ON SUPER-VU POLYPROPYLENE WITH FREE-STANDING BASE

2-223	Plug Seal, Blue	20 Bags of 25	104.00
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PRINTED GRADUATIONS ON SUPER-VU POLYPROPYLENE WITHOUT BASE

2-224	Plug Seal, Blue	20 Bags of 25	110.00
2-225	Plug Seal, Blue	20 Racks of 25	118.50
2-226	TiteSeal, White	20 Racks of 25	130.00

MICROCENTRIFUGE TUBES



- Positive Snap-Seal closures for leak-tight seals.
- Flat, needle-pierceable tops allow easy sample removal.
- Two write-on areas – one on the side, one on top – for easy identification.
- Graduation lines allow volume estimation at a glance.
- Metal Free 1.5mL and 1.9mL tubes available for trace metal analysis
- Sterile packaging available in 1.5mL size only.
- 1.5mL available in amber material which filters out 99.8% of UV light between 290 and 400 nanometers.
- Not suited for use with chloroform or phenol.
- Polypropylene tubes can be autoclaved at 121°C (250°F).
- Polyethylene tubes can be easily cut for pellet removal.

POLYETHYLENE MICROCENTRIFUGE TUBES

Catalog No.	Description	Case	Case Price
2-230	250uL w/Cap, Natural	1000	\$23.00
2-231	400uL w/Cap, Natural	1000	25.00

POLYPROPYLENE MICROCENTRIFUGE TUBE

Catalog No.	Description	Case	Case Price
2-240	400uL w/Cap, Natural	1000	\$25.00
2-241	500uL w/Cap, Natural	1000	25.00
2-242	1.5mL w/Cap, Natural	1000	34.00
2-243	1.5mL w/Cap, Natural, Sterile	500	47.50
2-244	1.5mL w/Cap, Natural, Metal Free	1000	41.00
2-245	1.5mL w/Cap, Natural	1000	33.00
2-246	1.5mL w/Cap, Blue	1000	39.00
2-247	1.5mL w/Cap, Green	1000	39.00
2-248	1.5mL w/Cap, Yellow	1000	39.00
2-249	1.5mL w/Cap, Red	1000	39.00
2-250	1.5mL w/Cap, Amber	1000	41.00
2-251	1.9mL w/Cap, Natural	1000	36.00
2-252	1.9mL w/Cap, Blue	1000	41.00
2-253	1.9mL w/Cap, Green	1000	41.00
2-254	1.9mL w/Cap, Yellow	1000	41.00
2-255	1.9mL w/Cap, Natural, Metal Free	1000	39.00

SLS-LUX Scientific

ELECTROPHORESIS / SHAKERS

GEL FIXING TRAYS WILL SAVE YOU TIME AND MONEY

These virtually unbreakable, heavy, polyethylene Fixing Trays provide an advantage over standard trays by allowing the user to drain the fluid and then place filter paper on top of the gel while it rests in the tray. In addition, the fixing solution is recoverable for subsequent reuse. The Trays are also useful in electrophoresis gel destaining. Trays come in two convenient sizes for small or large vertical glass electrophoresis gel plates.

The Fixing Trays are 1/4" thick with a top flange for added stiffness. There are five bars running the length of the tray to raise the gel and plates off the bottom which facilitates manual extraction. Each tray has a drain faucet in the side near the bottom. Small tray is 16" x 20" x 3" deep inside and large tray is 21 1/2" x 25 1/2" x 4" deep inside.



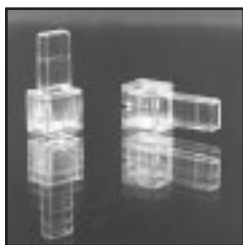
4-100
4-101

Small Fixing Tray
Large Fixing Tray

ea. \$77.25
ea. 97.85

THE EFFORTLESS WAY TO EXTRACT DNA FROM GELS

Now you can extract DNA from gels in as little as 90 seconds without spinning, washing, heating, precipitation and, most important, with up to 95% recovery and no damage to DNA. This revolutionary new device uses the principle of electroelution and requires no additional equipment. It can be used in any submerged horizontal gel electrophoresis system and works with any buffer. Simply pick up the DNA band with GeneCAPSULE™ and replace on the top of the gel. Rapid electroelution, and DNA is recovered in 10-30ml and is ready for ligation, restriction enzyme digestion, sequencing, amplification, random priming, nick translation and other enzymatic reactions. GeneCAPSULE is a single use device so it eliminates the risk of cross contamination, and it can be used for extraction of DNA as small as 10bp. Each kit contains 54 complete GeneCAPSULE units. Available in Small (for 4-6mm wide Gel Combs), Large (for 6-8mm side Gel Combs), or Mixed (27 of each size).



4-110	GeneCAPSULE kit, Small	ea. \$157.50
4-111	GeneCAPSULE kit, Large	ea. 157.50
4-112	GeneCAPSULE kit, Mixed	ea. 157.50

SPINDRIVE™ ORBITAL SHAKER PLATFORM

This low profile orbital shaker is magnetically driven. Placing it on top of your ordinary magnetic stirrer instantly turns it into an orbital shaker. Speed adjustment is accomplished by setting the magnetic stirrer to the desired orbiting speed. The top and bottom plates have non-skid pads to keep the shaker and vessel from "crawling". The top is designed to prevent any spillage from affecting the operating mechanism. It has four pick-up indents for easy lifting and carrying. The shaker is 8-7/8" [225mm] square and 2.1" [53mm] high. Weighs only 2.2 lbs. [1Kg.]



5-100	Orbital Shaker Platform	ea. \$179.00
5-101	Vibrating Platform	ea. 169.00

VORTEX SHAKERS FOR PLATES AND TUBES

These variable speed Vortex Shakers have a solid, heavy duty construction and exceptionally powerful motors with advanced electronic controls. The sturdy, stable units are designed to withstand the stresses of continuous operation, even in controlled environments from 2°C to 65°C such as cold rooms and incubators. The Shakers operate at constant speed, regardless of load or voltage fluctuation and have a speed range of 100-1200rpm, a horizontally circular motion with an orbit of 3mm and a 30 minute timer with "hold".

The model 5-111 is designed to accommodate 60 microtubes (1.5ml or 2.0ml) or .05ml tubes with optional insert adapters. The convenient tube platform lifts off easily, allowing it to be used as a workstation/transfer rack. Extra platform racks are available separately. Model 5-110 is designed to accommodate two 96 well plates held by a contoured stainless steel platform with retaining springs.

Each has a maximum load capacity of 0.7lbs, is 115V/60Hz and measures 6.6"W x 7.9"D x 5.5"H.



5-110	Vortex Shaker for 2 Plates	ea. \$565.00
5-111	Vortex Shaker for Tubes	ea. 565.00
5-112	Adapter for 0.5ml Tubes	pk/6 565.00
5-113	Extra Tube Platform/Rack	ea. 565.00

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www.sls-lux.com

PLASTICWARE

DYN-A-MED TRI-STIR® BEAKER

Flat bottom surface which accepts and keeps stir bars centered.

- **Autoclavable.** Made from translucent polypropylene.
- Flat bottom surface; stackable with stable, flat 360° molded in ring base.
- Easy to read molded in graduations in MI's and ounces.
- V notched corners for easy pour and less spillage capability.



Catalog Number	Size	Case Quantity	Case Price
3-102	Assorted	5 of Each	\$15.00
3-103	50MI	100	14.00
3-104	100MI	100	15.36
3-105	250MI	100	21.30
3-106	400MI	100	23.40
3-107	800MI	100	30.80
3-108	1000MI	100	32.80

GET A GRIP ON THAT CYLINDER!

Holdfast® Graduated Cylinders, available in 1000ml and 2000MI sizes have an ergonomically designed handle to facilitate pouring in comfort and safety. Molded of polypropylene, they are chemically resistant and steam autoclavable at 250°F. The Holdfast Graduated Cylinders have a hexagonal base for increased stability and a double scale with raised numerical graduations for easy reading of dispensed or contained liquids.



3-110	Holdfast Cylinder 1000MI	pk/5	\$13.50
3-111	Holdfast Cylinder 2000MI	pk/5	26.95

GRADUATED PITCHERS TALL FORM

Gracefully proportioned, chemical-resistant, and shatterproof, these pitchers have well-designed spouts and large handles. Metric graduations are molded on outside wall.



A. POLYPROPYLENE

Steam autoclavable at 250° F (121°C)

catalog no.	capacity cc	top I.D. in	height mm	graduations in	mm	graduations ml	case	Each Price
3-120	100	1.9	48	3.1	80	5	36	\$4.15
3-121	250	2.5	64	4.7	119	5	24	5.25
3-122	500	3.2	81	5.3	135	10	2	5.00
3-123	1000	4.1	104	6.6	167	50	24	5.15
3-124	2000	5.3	132	8.1	205	100	12	5.80
3-125	3000	6.0	152	9.1	232	100	12	7.35
3-126	5000	7.4	187	10.8	275	100	6	26.95

B. TPX® POLYMETHYLPENTENE

Crystal-clear and heat-resistant to 350°F (177°C)

catalog no.	capacity cc	top I.D. in	height mm	graduations in	mm	graduations ml	case	Price
3-130	500	3.2	81	5.3	135	10	24	\$5.75
3-131	1000	4.1	104	6.6	167	50	24	7.25
3-132	2000	5.3	132	8.1	205	100	12	12.10
3-133	3000	6.0	152	9.1	232	100	12	15.00



SLS-LUX Scientific

HEMATOLOGY /
SAMPLE COLLECTION

SPECIMEN CUPS

- Precision molded polypropylene 4.5 oz. (120ML) cup is shatterproof and leaktight.
- Easy-to-read, molded-in graduations in ounces and milliliters.
- Frosted write-on areas on cup and cap.
- Two types of sterile packaging – banded and individually wrapped
- Sterility Band indicates cap has not been removed from cup since manufacture. Interior sterility ensured until peel-off plastic strip is removed.
- Also available non-sterile.
- Overall specimen cup dimensions:
2.90 inches (73.6mm)H, 2.592 inches (65.79mm)D.



Catalog Number	Description	Case Qty.	Price
7-140	Specimen Cup & Screw Cap, Sterile	100 Individually Wrapped	\$34.00
7-141	Specimen Cup & Screw Cap, Sterile	200 Individually Wrapped	54.00
7-142	Specimen Cup & Screw Cap, Non Sterile	500 Caps/Polybag; 25 Cups/Sleeve	51.50
7-143	Specimen Cup, Non-Sterile	20 Sleeves of 25 Cups/Sleeve	27.50
7-144	Screw Cap, Non-Sterile	500	

Banded Specimen Cups

Catalog Number	Description	Case Qty.	Price
7-150	Specimen Cup & Screw Cap, Banded, Interior Sterile	100 Individually Banded	\$22.00
7-152	Specimen Cup & Screw Cap, Banded, Interior Sterile	250 Individually Banded	53.00



SLS-LUX BRAND SPECIMEN CUPS

4.5 oz. specimen cup is the modern laboratory answer for convenience and dependability.

- Precision molded polypropylene body with a high-density polyethylene screw cap.
- Quarter-turn Screw cap – locks down fast and tight.
- Graduations – in ounces & milliliters for quick reference.
- Frosted Areas – for a convenient writing surface. Has the following labels: Name, Room No., Doctor, Date, and Time.

Specimen Cups

Catalog Number	Description	Qty.	Price
7-160	Specimen Cup w/attached Screw cap, Individually Wrapped, Sterile	100	\$24.00
7-161	Specimen Cup w/separate Screw cap, Bulk Pack, Non-Sterile	500	40.00
7-162	Specimen Cup, Bulk Pack, Non-Sterile	500	26.00
7-163	Specimen cap, Bulk Pack, Non-Sterile	500	20.00

DILY-VIALS®

Dilu-Vials® are disposable Hematology sample vials precision molded from premium grade Polystyrene for blood cell counting.

- Specially de-ionized and de-staticized to insure accurate cell and particle counts.
- Optically clear, parallel sides
- Molded-in graduations at 10mL and 20ML
- Easily removable leak-tight cap with tab



Catalog Number	Description	Case Qty.	Price Per Case
7-170	144/Pack	1 Gross	\$14.25
7-171	Bulk	1000	59.00

FIBRIN CUPS AND PIPET TIPS

Fibrin Cups and Tips are manufactured of high quality polyethylene, designed for use with • BBL Fibrometer® analyzer in automated coagulation studies.

- Snug pipet tip fit assures accurate dispensing
- Cup has convenient write-on tab for easy sample identification



Catalog Number	Description	Case Qty.	Price Per Case
7-180	Cup HDPE 1.3ML	1000	\$15.00
7-181	Tip LDPE 101-200uL	1000	21.00

MULTI-PURPOSE SAMPLE CUPS



- Molded from clear polystyrene
- 2ml size also available in polyethylene
- Molded-in graduations for easy reading
- Conical bottom for efficient aspiration
- Sizes from 0.25mL to 4mL.
- Choice of five colors for easy identification
- Three styles of caps available (see pages 4-6)
- 0.25mL and 0.5mL cups for use on Centrifichen®, Technicon®, Auto-analyzers™, Kodak®, Ektachem™ E-400 and E-700
- 2.0mL cups for use on Technicon Auto-analyzers, Kodak Ektachem E-400 and E-700
- 4.0mL cups for use on Technicon Auto-analyzers

Multi-Purpose Sample Cups

Catalog Number	Description	Case	Price Per
		Qty.	Case
7-100	0.25mL Polystyrene, Natural	1000	\$ 22.00
7-101	0.5mL Polystyrene, Natural	1000	19.75
7-102	0.5mL Polystyrene, Natural, Drum Container	10,000	172.00
7-103	2.0mL Polystyrene, Natural	1000	16.00
7-104	2.0mL Polyethylene, Natural, Drum Container	1000	28.00
7-105	4.0mL Polystyrene, Natural Drum Container	10,000	115.00
7-106	4.0mL Polystyrene, Natural	1000	20.25



ELKAY EZEE-NEST™ SAMPLE CUPS

- Samples are poured from blood collection tubes into the cup which is immediately placed inside the tubes, eliminating the need to re-label.
- Lower shoulder height prevents mechanical jamming of the instrument sample arm against the cup.
- 2.0mL cup for use with 16mm blood collection tubes on the Hitachi® 747, Kodak® Ektachem™ 700 Series Systems and the DuPont Dimension®
- 1.0mL cup for use with 13mm blood collection tubes
- Ezee-Perf™ caps are available for 1.0mL sample cups
- Packaged in Polybags
- Polystyrene

Ezee-Nest™ Sample Cups

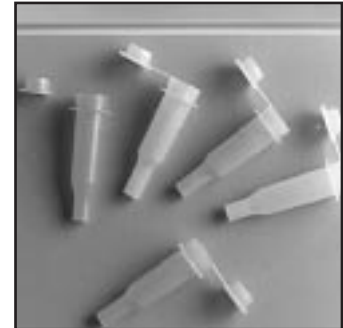
Catalog Number	Description	Volume MI	Case Qty.	Price Per Case
7-130	13mm	1.0	1000	\$26.50
7-131	16mm	2.0	1000	33.50

SAMPLE CUPS FOR HITACHI®, NOVA® AND IL® 1800



- For use with Hitach® 700 series, Nova® and IL® 1800 electrolyte instruments.
- 2.0mL capacity
- Packed in polybags
- Polystyrene

Catalog Number	Description	Case Qty.	Price Per Case
Sample Cups for Cobas-Bio®, Fara®, and Mira®			
7-110	Natural	1000	\$26.00
7-110G	Green	1000	26.00
7-110Y	Yellow	1000	26.00
7-110R	Red	1000	26.00
7-110B	Blue	1000	26.00



7-120	Sample Cups for Abbott ABA & VP® Series 0.15mL	1000	24.00
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7-121	Sample Cups for Technicon SMAC® 5.0mL	1000	36.00
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7-122	Sample Cups for Hitachi 700 Series, Nova and IL1800 2.0mL, For use with Hitachi 704 705, 706, 712, 717, 736, 737, 747, Nova and IL1800	704	\$32.50
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SLS-LUX Scientific

LAB ORGANIZERS

ORGANIZERS FOR WEIGHING ACCESSORIES AND PH METER ACCESSORIES

KEEP YOUR WEIGHINGS FAST AND EASY. SAVE ON SUPPLIES TOO.

The Mini Balance Bank™ holds spatulas, pens, paper, calculators, small and medium papers and boats.

Catalog Number	Dimensions	Price
31-145	12x 12 x 5" (lhw)	\$69.95

STASH YOUR FAVORITE WEIGHING SUPPLIES IN A BALANCE BANK™.

- Faster weighings because supplies are at your fingertips
- Cleaner supplies because compartments protect Kimwipes®, weigh papers boats, spatulas
- Promotes lab cleanliness

The Top Loader BalanceBank™ works well for larger weighings because it holds small, medium and large (6x6") weigh papers and boats.

Catalog Number	Dimensions	Price
31-146	12x 12 x 7"	\$79.95

USE THIS. IT'S A GREAT WAY TO HOLD PH METER SUPPLIES.

- Spacious shelves for wash bottles, waste beakers, buffers etc.
 - Room to put stir bars, KCl solution and pipets
 - Dispenser makes it easy to pull each tissue
 - Compact size to allow convenient reach to supplies
- The Mini pHPerch™ (above) holds your favorite pH adjustment supplies.

Catalog Number	Dimensions	Price
31-147	13x 12 x 6" (lhw)	\$ 59.95
37-148	36x 12 x 6" (lhw)	129.95

The Deluxe pHPerch™ (right) has more than twice the capacity of the Mini pHPerch™.

GAIN SPACE WITH ONE OF THESE GUYS. WHY HAVE SUPPLIES CLUTTERING UP THE BENCH?

- Heavy duty to last for years
- Made from solid PVC so they're chemically resistant and easy to clean
- Small foot print but high capacity
- 4, 6 or 8" shelves, 8-16" high

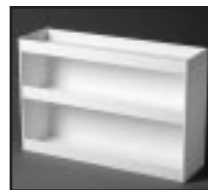
Catalog Number	Ht	Width	DBS*	Price	Catalog Number	Ht	Width	DBS*	Price
31-150	8"	4"	6"	\$22.99	31-200	14"	6"	12"	\$34.99
31-151	10"	4"	8"	25.99	31-201	8"	8"	6"	28.99
31-152	12"	4"	10"	28.99	31-202	10"	8"	8"	31.99
31-153	8"	6"	6"	25.99	31-203	12"	8"	10"	34.99
31-154	10"	6"	8"	28.99	31-204	14"	8"	12"	37.99
31-155	12"	6"	10"	31.99	31-205	16"	8"	14"	40.99

SORT AND STORE ITEMS BY FUNCTION. YOU'LL HAVE A HIGH RETURN ON YOUR INVESTMENT.

Catalog Number	Ht	Wt	DBS	Price
31-160	12"	4"	5"	\$54.50
31-161	14"	4"	6"	58.50
31-162	16"	4"	7"	64.50
31-163	12"	6"	5"	58.50
31-164	14"	6"	6"	64.50
31-165	16"	6"	7"	68.50
31-166	18"	6"	8"	74.50
31-167	12"	8"	5"	64.50
31-168	14"	8"	6"	68.50
31-169	16"	8"	7"	74.50
31-170	18"	8"	8"	78.50
31-171	20"	8"	9"	84.50

- 4, 6 or 8" shelves to fit small or large diameter objects
- 12 to 20" high for flexibility

*Distance Between Shelves



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LAB ORGANIZERS

LAB BENCHTOP ORGANIZERS

CREATE a really organized lab – go for one of these TrippNT BenchBoosters™.

- Large 7" wide bottom shelf to provide higher capacity
 - Many compartments to hold your pens, pencils, calculators, etc.
 - All models have easy access.
 - Standardized holders for small, medium and large weigh papers and boats to make them available and protected.
- We all have favorite lab tools and supplies. Personalize, organize and arrange your favorite items for total convenience and access with the Deluxe BenchBooster™. You'll be pleasantly surprised at how they seem to practically maintain themselves saving you time and frustration.

Made to last.

- The Mighty Micro wraps around to provide high capacity fingertip access to supplies. Great for specialist who have to prepare lots of small samples.
- Prepare samples with less effort.

The Midi MightyMicro and HPLC Organizer (not shown) are compact for a smaller foot print. The straight design makes them perfect for many areas. The HPLC Organizer holds up to 10 LC columns.

Catalog Number	Description	Dimensions	Price
31-100	Deluxe BenchBooster	24 x 12 x 8"	\$163.50
31-101	MightyMicro	36 x 12 x 5"	179.99
31-102	Midi MightyMicro	24 x 12 x 6"	108.50
31-103	HPLC Organizer	24 x 12 x 6"	108.50

Keep Your Lab Neat

- Stays white, won't rust
- Built to last

With these multi-width shelf units it's easy to store various sized objects. The bottom shelves are 8" wide to accommodate larger and wider objects.

Extended Double Shelf - 6" top and 8" bottom shelf, 24" long, 8 to 16" high

Catalog Number	Height	DBS*	Price
31-105	8"	6.0"	\$44.90
31-106	10"	7.5"	48.99
31-107	12"	9.0"	52.99
31-108	14"	10.75"	56.99
31-109	16"	12.75"	60.99

These HANDY guys really pull their weight.

- Keep benchtop clear
- Separate lab functions
- Store personal reagents

Double Shelf - 6" top and 8" bottom shelf, 12" long, 8 to 16" high

Make life easier and designate a place for everything. When there is a specified place for lab supplies it makes it easier to know when it's time to reorder.

Catalog Number	Height	DBS*	Price
31-115	8"	6.0"	\$26.99
31-116	10"	7.5"	29.99
31-117	12"	9.0"	32.99
31-118	14"	10.75"	35.99
31-119	16"	12.75"	38.99

TrippNT shelves keep benchtops clear and FREE for work.

- 3 shelf depths for flexibility
- Sturdy yet easy to move
- White color brightens lab

Triple Shelf - 4, 6 and 8" shelf, 12" long, and up to 20" high

What happens if you can't find the reagents to conduct an experiment? You have more work to do. A TrippNT shelf will end the hunting hassle.

Catalog Number	Height	DBS*	Price
31-125	12"	5"	\$34.50
31-126	14"	6"	37.50
31-127	16"	7"	40.50
31-128	18"	8"	43.50
31-129	20"	9"	46.50

Enjoy a clean lab. It's pure Joy.

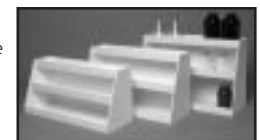
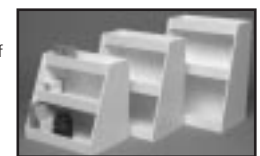
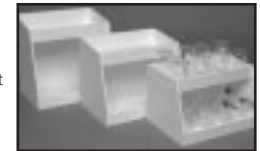
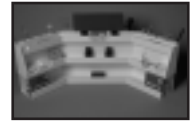
- PVC is easy on glass - won't leave scratches
- Won't rust like metal

Extended Triple Shelf - 4, 6 and 8" wide shelf, 24" long, up to 20" high

Triple shelf units provide 3 shelf widths to accommodate a variety of objects. Store anything from glassware and chemicals to CDs.

Catalog Number	Height	DBS*	Price
31-135	12"	5"	\$56.50
31-136	14"	6"	60.50
31-137	16"	7"	64.50
31-138	18"	8"	68.50
31-139	20"	9"	72.50

*distance between shelves

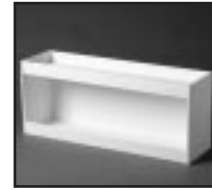


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SHORTEN YOUR REACH AND ANALYSIS TIME.

- Only 2 shelves to fit low overhang areas
- 8 to 16" high to fit various sized objects
- Solid PVC construction to make them easy to clean



Catalog Number	Ht	Wdth	DBS*	Price	Catalog Number	Ht	Wdth	DBS*	Price
31-175	8"	4"	6"	\$40.99	31-210	14"	6"	12"	\$56.99
31-176	10"	4"	8"	44.99	31-211	8"	8"	6"	48.99
31-177	12"	4"	10"	48.99	31-212	10"	8"	8"	52.99
31-178	8"	6"	6"	44.99	31-213	12"	8"	10"	56.99
31-179	10"	6"	8"	48.99	31-214	14"	8"	12"	60.99
31-180	12"	6"	10"	52.99	31-215	16"	8"	14"	64.99

We've taken solid PVC and designed shelves for every sized space. And because they are so durable, they are perfect for laboratory work. Don't put up with a messy lab. Instead, put TrippNT shelves to work for you.

Add order to your lab.

- 3 shelves, but only 12" wide to fit narrow areas
- 5 heights to choose from - up to 20" high for tall objects
- Turned up lip for added safety

Catalog Number	Ht	Wt	DBS*	Price
31-185	12"	4"	4.75"	\$30.50
31-186	14"	4"	5.75"	34.50
31-187	16"	4"	6.75"	38.50
31-188	12"	6"	4.75"	34.50
31-189	14"	6"	5.75"	38.50
31-190	16"	6"	6.75"	42.50
31-191	18"	6"	7.75"	46.50
31-192	12"	8"	4.75"	38.50
31-193	14"	8"	5.75"	42.50
31-194	16"	8"	6.75"	44.50
31-195	18"	8"	7.75"	48.50
31-196	20"	8"	8.75	52.50

*distance between shelves
2 shelves, 24" long
3 shelves, 12" long



LAB ORGANIZERS /
TIMERS

LARGE DISPLAY 2 CHANNEL CLOCK/TIMER SHOWS BOTH CHANNELS AT ONCE



AVAILABLE W/NIST CERTIFICATE OF OWNERSHIP

This timer's display is large enough (3 x 2 1/2") to read from across a room. It simultaneously displays either on count up channel and a clock or two count down channels. Both channels have a 24 hour range with 1 second resolution. Timer counts up after alarm sounds, recalls the last timer setting, has an extra large start/stop button and a loud alarm. Fold it for freestanding use or wall mount it, the timer runs for up to 2 years on one AAA battery (included) and measures 5 x 3 3/4 x 1 1/2".

Catalog Number	Description	Price
32-100	Large Display 2 Channel Timer	ea. \$25.00
32-101	2 Channel Timer w/Certificate	ea. 49.00

LARGE DISPLAY WATER RESISTANT STOPWATCH



5 YEAR WARRANTY AVAILABLE WITH NIST TRACEABLE CERTIFICATE OF COMPLIANCE

This stopwatch has a sonically welded case to insure excellent water resistance, a large 5/8" display for easy reading and large buttons for error-free use. It counts up to 24 hours with a resolution of 1/100 second for the first 40 minutes and 1 second thereafter. It has a lap function, an alarm clock and a calendar, runs on 1 button cell battery (included) and measures 2 7/8 x 3 1/4 x 3/4".

Catalog Number	Description	Price
32-105	Stopwatch	ea. \$37.00
32-106	Stopwatch w/Certificate	ea. 61.00

SLS-LUX Scientific

TIMERS /
INSULATED SHIPPING
CONTAINERS

3 CHANNELS CAN BE CONCURRENTLY SET FROM 1 SECOND TO 10 HOURS



Times three procedures simultaneously. Can be set for any time span from 1 second to 10 hours in each channel. Each channel has its own individual electronic tone and visual signal to indicate when time has expired. The tone sounds until it is manually turned off. Provides LCD digital readout in hours, minutes and seconds. It is small (3" x 3" x 13/8"), lightweight (8 1/2 oz.) and rugged. Powered by two AA batteries (not included).

Catalog Number	Description	Price
32-110	Triple Timer	ea. \$29.00
32-111	AA Batteries	ea. 4.95

MINI TIME CONTROLLER WITH 6 ON AND 6 OFF SETTINGS PER DAY



PLUS A BACK-UP BATTERY, 5 YEAR WARRANTY ALSO AVAILABLE WITH NIST TRACEABLE CERTIFICATE OF COMPLIANCE

Program any piece of equipment for up to 6 on and 6 off settings per day, a total of 84 settings per week. Run time is from one minute up, and manual override option is provided. LED light indicates power is on, and LCD displays real time as well as programmed times. Back-up battery (included) insures programs are not lost in case of power failure. Suitable for use with any equipment not exceeding 1 HP, 15 Amp, 2400 Watt, running on 120V AC 50/60 Hz.

Catalog Number	Description	Price
32-115	Mini Time Controller	ea. \$39.00
32-116	Mini Time Controller w/certif.	ea. 63.00

ELECTRONIC TIMER / STOPWATCH



Timer mode counts down from 100 minutes in minutes and seconds and beeps loudly when period is complete. The stopwatch mode counts up to 60 minutes then recycles automatically. LCD digital. Clips, stands or attaches magnetically. Battery included.

Catalog Number	Description	Price
32-112	Electronic Timer/Stopwatch	ea. \$18.00

5 CHANNEL TIMER



Available with NIST Traceable Certificate of Compliance

Clock plus 4 independent timing channels. Each counts up or down for any interval from 1 second to 100 hours, has its own distinctive 1 minute alarm and when timer reaches zero automatically begins to count up indicating time elapsed after zero. Extra large display indicates channels in use. Memory recalls last timer setting for reuse. Timer has stand, pocket clip and magnet, is lightweight (2 oz.) and measures just 27/8" x 21/2" x 9/16". 5 year warranty.

Catalog Number	Description	Price
32-117	5 Channel Timer	ea. \$22.00
32-118	5 Channel Timer w.certificate	ea. 46.00

LARGE BOTTLE SHIPPERS

Catalog Number	Description	Case Qty.	Price Case
33-100	A - *Cider jug style 1-gallon shipper bottle cavity 6 1/4 Dia x 12 3/8 H	10	\$34.70
33-101	B - *Pharmaceutical style 1-gallon shipper bottle cavity 6 1/4 Dia x 13 3/8 H	9	31.55
33-102	*2.5 Liter/80 oz. jugs and boston rounds bottle cavity 5 1/8 Dia x 12 3/4 H	21	31.40
33-103	C - *Four x 2.5-liter shipper bottle cavity 5" Dia x 11 3/4 H	4	21.60
33-104	D - *Six x 1-liter Shipper bottle cavity 4 x 4 x 8 3/4 H	12	33.90
33-105	*Six x 1-quart shipper bottle cavity 3 3/4 x 3 3/4 x 8 3/4 H	13	48.25
33-106	E - *1-liter/1 quart boston round shipper 3 7/8 Dia x 9 H bottle cavity	50	76.00
33-107	F - *1-pint boston round shipper bottle cavity 3 Dia x 7 3/8 H	70	68.70



SLS-LUX Scientific

**INSULATED SHIPPING
CONTAINERS**

SPECIMEN TUBE RACKS AND SHIPPERS

DUAL PURPOSE TUBE RACK/SHIPPER

Catalog Number	Description	Case Qty.	Price/Case
33-140	Holds, stores and ships 48 tubes of various diameters and lengths.	12	\$46.15
33-141	Mailer Carton	12	17.15



CENTRIFUGE TUBE RACK

Catalog Number	Description	Case Qty.	Price/Case
33-142	Handles 250ul, 400ul and 1.5ML tubes. This compact rack has a 50 tube capacity stackable	18	46.15



40 ML VOA VIAL SHIPPER

Catalog Number	Description	Case Qty.	Price/Case
33-143	Holds up to 12 vials with 28mm diameter. Shipper includes reusable polyethylene platform and one 24 oz. refrigerant pack. Includes 200 lb test corrugated carton.	8	\$ 99.75
33-144	Same as above but holds 48 vials.	8	131.70



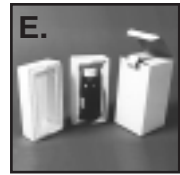
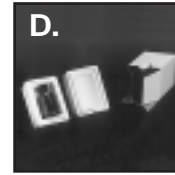
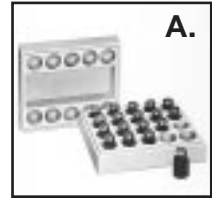
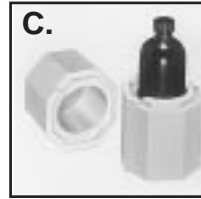
SHIPPER FOR VIALS WITH 16MM - 20MM DIAMETER

Catalog Number	Description	Case Qty.	Price/Case
33-145	Polystyrene container with flexible foam polyurethane for cushioning. Holds up to 24 vials. Includes 200 lb. test carton	12	\$124.55
33-146	Same as above but holds 48 vials.	10	\$145.70



SMALL BOTTLE SHIPPERS

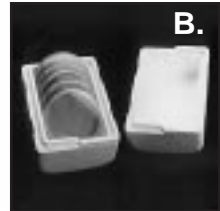
Catalog Number	Description	Case Qty	Price Case
33-110	A. - Hold 20 bottles with 10ml capacity. bottle cavity is 1 1/8 Dia x 2 1/4 Height	90	\$110.00
33-111	B. - Holds 5 bottles with 60ml capacity bottle cavity is 1 1/2 Dia x 3 5/8 Height	125	151.00
33-114	C. - 8 oz boston round mailer bottle cavity is 2 3/8 Dia x 5 5/8 Height *mailer carton	120	72.55
33-112	D. - 2 oz boston round mailer bottle cavity is 1 1/2 Dia x 3" Height *mailer carton	100	41.40
33-113	E. - 4 oz boston round/french square mailer bottle cavity is 5 1/4 x 2" Height *mailer carton	100	45.45



POLYSTYRENE FOAM INSULATED SPECIMEN MAILERS AND BOTTLE SHIPPERS

LARGE THICKWALL SPECIMEN MAILER WITH CORRUGATED SHIPPING CARTON

Catalog Number	Description	Wall Thickness Inches	Dimensions Inches	Case Qty.	Price/Case
33-120	A. - Ideal for refrigerated samples in 500 ml bottles. Also perfect for protecting tissue flasks with a growth area of 175cm ²	1 1/2	8 x 6 x 4	12	\$67.30
33-121	w/Mailer Carton			12	92.90
33-122	B. - Holds up to 10 standard Petri Dishes	5/8	6 1/4 x 3 3/4 x 3 1/4	48	26.30
33-123	Mailer Carton			96	66.85
33-124	C. - Holds up to 100 standard Petri Dishes	3/4	19 1/8 x 7 1/2 x 6 1/4	12	39.30



FLEXIBLE FOAM BOTTLE JACKETS

Catalog Number	Description	Case Qty.	Price/Case
33-125	Holds one gallon/4-Liter bottle with Diameters 5 1/2 - 7" outer dimensions 9 1/2 x 9 1/2 x 5	12	\$41.95
33-126	Holds 32 oz/1-Liter bottle with Diameters 3 1/2 - 4 1/2 outer dimensions 5 3/4 x 5 3/4 x 4 1/4	18	\$40.75
33-127	Holds 16 oz/500ml bottle with Diameters 2 3/4 x 3 1/2 outer dimensions 5 x 5 x 3 1/2	24	41.15
33-128	Holds Four - 40ml vials outer dimensions 4 x 4 x 4	24	23.95



MAILERS FOR SPECIMEN TUBES AND SLIDES

POLYSTYRENE FOAM INSULATION SPECIMEN MAILERS



**INSULATED SHIPPING
CONTAINERS**

Catalog Number	Description	Case Qty.	Price/Case
33-150	*Single tube mailer. Holds one specimen tube (3ml-10ml)	300	\$85.10
33-151	*mailing carton	300	44.25
33-152	*Combination mailer. Holds two tubes and two slides	150	\$56.15
33-153	*mailing carton	300	55.75
33-154	*Three tube mailer Holds three specimen tubes (3ml-10ml) in 105mm x 17mm cavity	150	\$53.25
33-155	*mailing carton	300	39.25
33-156	*Combination mailer for four tubes and eight slides. Carries standard 3"x1" slides and (7ml-10ml) specimen tubes in cavities 110mm x 19mm	100	\$60.45
33-157	*mailing carton	200	63.55
33-158	*Five tube mailer. holds specimen tubes (3ml - 5 ml) in cavities measuring 105mm x 13mm	150	\$52.60
33-159	*mailing carton	300	\$39.15
33-160	*Combination mailer for eight tubes and eight slides Carries standard 3" x 1" slides and specimen tubes (5ml - 10ml) in cavities measuring 113mm x 18mm	50	\$31.45
33-161	*mailing carton	200	53.55
33-162	*Combination mailer for histopathology carries two slide packets or ten vials in cavities measuring 105mm x 13mm diameter.	150	\$52.60
33-163	*mailing carton	300	39.25
33-164	*Ten slide mailer Carries up to ten standard 3" x 1" slides diameter.	300	\$97.70
33-165	*mailing carton	300	54.30

INFRARED HEAT LAMP - FOR QUICK, EVEN AND SAFE HEATING



This new Infrared Heat Lamp, with a 250 Watt Infrared bulb, provides safe heat for quick-drying, keeping samples warm on the bench, or any other laboratory task requiring heat without air flow. This sturdy, all-metal lamp has an 42" hinged extension arm for easy positioning, and a screw-clamp base which mounts on the edge of any bench or table.

Two styles of option floor stands offer additional versatility: a pedestal base for permanent positioning or a stable, four-legged base with castors for added mobility. The Infrared Heat Lamp comes complete with bulb guard (easily removable for bulb replacement), 250 Watt bulb and screw-clamp base.

Catalog Number	Description	Price
35-140	Infrared Heat Lamp	\$140.00
35-141	Base Pedestal	85.00
35-142	Base Castors	105.00
35-143	Replacement Bulb	18.00

STANDARD ILLUMINATORS FIBER-LITE 3100 30 WATT QUARTZ HALOGEN ECONOMICAL OPTIC ILLUMINATOR



The Model 3100 is a light weight and compact 30 Watt, quartz halogen illuminator with a remote plug in the wall transformer. The unit uses an EKZ lamp, which will deliver upwards of 10,000 foot candles of intense, cold illumination. The 3100 has a standard Dolan-Jenner nosepiece, which allows the interface of all the Fiber-Lite standard and custom fiber optic light guides. A four position, solid state intensity control is provided for precise light level settings. This model is typically used for co-axial illumination in microscopy and machine vision applications.

TECHNICAL INFORMATION:

Lamp:	10.8 Volt, 30 Watt Quartz Halogen, Type EKZ
Lamp Life:	200 hrs. at full intensity
Color Temperature:	3100° K
Intensity Control:	4 position switch
Voltage:	115 VAC, 60H
Enclosure:	High impact plastic
Dimensions:	3" x 4.5" x 6.5" (7.6 x 11/4 x 16.5 cm)
Weight:	4.5 lbs. (2 Kg.)
Adapters:	A-type adapter series

Catalog Number	Description	Price
35-144	Fiber-Lite 3100	ea. \$240.00

BIFURCATED FIBRE LIGHT



This extremely versatile 150 watt Bifurcated Fibre Light system puts out up to 40,000 ft. candles with the lenses at a 3" working distance. The system is suitable for higher magnifications (120X plus) and provides the most obedient light output placement for critical illumination requirements at angles of incidence from near vertical to near horizontal. Slide-lock lenses can be adjusted rapidly or removed for diffuse illumination.

Opposed angle illumination will always provide an illuminated field and reduced shadow obstruction. Photographic exposure times will be short and excellent. The system provides an excellent light source for small animal microsurgery with a stereomicroscope, general specimen preparation, examination of cultures and tissue trip preparation for light and electron microscopy, while decreasing morphological changes induced by dehydration and heat.

Catalog Number	Description	Price
35-145	Bifurcated Fibre Light	ea. \$584.00
35-146	Replacement Bulb	ea. 22.50

HIGH INTENSITY COLD LIGHT



Fibre Lite Illuminator provides cold light and flexible positioning with no vibration and no heat for perfect viewing of the most temperature sensitive specimens. With its lens at a working distance of 3" (7.6cm), Fibre Lite Illuminator provides 10,000 foot candles of illumination suitable for up to 20X magnification. Its 28" long flexible pipe remains at ambient temperature to prevent burned fingertips when repositioning and the self supporting base allows easy light positioning for all viewing angles.

The Fibre Lite Illuminator has a 30 watt halogen lamp in a rugged, convection-cooled enclosure which results in no noise, vibration or air particle generation. The 3-position light intensity switch allows the selection of appropriate light levels for optimum lighting control. Lamp life increases significantly at lower level settings. Base measures 7 1/2" H x 5 1/4" W.

Catalog Number	Description	Price
35-150	Fiber Lite Illuminator	ea. \$339.00
35-151	Replacement Bulb	ea. 22.50

FLUORESCENT MAGNIFIERS

7121 CLAMP MAGNIFIER 7121WB TABLE MODEL MAGNIFIER

Magnifying lamps. Full 5" diameter, 3-diopter precision ground distortion free magnifying lenses. Spring balanced articulating arms. For use with 22 watt circline fluorescent lamps (not supplied). Scratch resistant polycarbonate shades. 9 foot three conductor cords.

7121:	Precision cast adjustable VC-6 clamp opens 2.25". 45" professional long reach. UL.
7121WB:	Compact 30" reach. 10" diameter heavily weighted base. Portable. UL.

Optional: Swing Away Magnifiers
Mag-3 - Three diopter auxiliary magnifier
Mag-10 Ten diopter auxiliary magnifier

Catalog Number	Description	Price
35-155	Clamp Magnifier 7121	\$155.00
35-156	Table Model Magnifier 7121WB	175.00
35-158	Three Diopter Auxiliary Magnifier Mag-3	13.75
35-159	Ten Diopter Auxiliary Magnifier Mag-10	16.50



5 DIOPTER LENS
(Focal length 8")
AVAILABLE
OPTIONALLY

SLS-LUX Scientific

LIGHTS

MINI LIGHT BOX

The Mini Light Box offers a color-corrected fluorescent viewing surface that is ideal for looking at slides, checking multi-well plates, mini-gels, petri dishes or x-rays.

The compact, lightweight unit saves precious bench space and can be stored in a drawer. It can be battery operated for complete portability, or can be used with a 6V DC adapter. Each unit is supplied with a removable counting grid.



Size: 6 1/4" w x 5 3/8" d x 1 3/4" h
viewing area: 5" w x 4" d
Weight: 9 oz. without batteries
Power: 4 C batteries not included
(alkaline recommended)

Catalog Number	Description	Price
35-100	Mini Light Box	\$91.70
35-101	Counting Grids - Pkg./5	10.30
35-102	AC Adapter Plug	18.60

LOW COST PORTABLE UV LAMPS

Lightweight, compact, battery operated UV Lamps eliminate cords and hassle, and feature lifetime filters and 360° rotation of light source. Handle opens into a base for stationary use. Three models available: longwave, shortwave and simultaneous long and shortwave. Great for screening mini-gels, forensics, field work and a host of other applications. Safety Glasses are shade 3.0 Green.



Catalog Number	Description		Price
35-120	Portable LW UV Lamp	ea.	\$51.95
35-121	Portable SW UV Lamp	ea.	66.95
35-122	Portable L&S UV Lamp	ea.	56.95
35-123	UV Safety Glasses	ea.	11.50

LET THERE BE FLUORESCENT LIGHT BOXES!!!

FLUORESCENT LIGHT BOXES with stainless steel frames and opal acrylic tops. Takes the place of the old fashioned, costly light table. No glass top to break. They can be stored like a book in an upright position when your job is finished. Hard to find lab bench or desk top space is not monopolized by the light box when it is not in use. Top is made of opal acrylic plastic which is shatterproof and gives maximum light diffusion with minimum glare. Flush top permits use with items that are larger than the unit. Fluorescent lighting prevents overheating. Models A to C are 2-3/16" high and use 15 watt lamps. Other models are 2-3/4" high and use 20 watt lamps. The low height of the light boxes makes it convenient to use on top of a desk or lab table. Completely flat top allows you to use a straight edge or drafting machine with convenience. Rubber feet prevent slipping. Comes complete with standard cool white fluorescent lamps and an 8 foot long 3-wire cord and plug. Operates on 115 volts, 60 Hz only. Watts listed in table below are total for all lamps.



Catalog Number	Size, inches	No. lamps	Watts	Price
A-35-110	11 x 18	2	30	\$138.75
B-35-111	16 x 18	2	30	152.50
C-35-112	16 x 18	4	60	191.25
D-35-113	18 x 24	2	40	192.00
E-35-114	18 x 24	3	60	209.75
F-35-115	18 x 24	4	80	226.75

MINIATURE HALOGEN LIGHT WITH MANY VERSATILE BASES

Provides a concentrated light source suitable to any task involving accurate detail work. The Littlite efficiently produces crisp "white" light, concentrated in a tightly controlled pattern, easily aimed where needed.

The system consists of a 12" or 18" gooseneck, 5/16" dia., a hood over a 5 watt halogen bulb, a mounting base and fully adjustable dimmer. The several bases available make the system highly versatile. Standard bases (supplied with the Littlite) are a pair of adhesive backed heavy duty Velcro for quick easy removal of the lamp, and two screws for permanent mounting. Optional bases: a clamp that adjusts from 1/16" to 2 1/2" for mounting to a shelf or cabinet, a high tension clamp ideal for books or clipboards, and a weighted 2 x 4" base that allows the light to be freestanding.



Catalog Number	Description		Price
35-130	Littlite Set 12" Set	ea.	\$57.00
35-131	Littlite Set 18" Set	ea.	57.00
35-132	Weighted Base	ea.	11.00
35-133	Adjustable Clamp	ea.	12.00
35-134	High Tension Clamp	ea.	9.50
35-135	Replacement Bulb	ea.	9.00

SLS-LUX Scientific

LIGHTS

MODEL #7450 WIDE ANGLE ILLUMINATED MAGNIFIER



Two compact fluorescent energy saving lamps providing the equivalent of 75W each - 150W total - of bright white - 4100K - cool operating lamps (supplied). 7" x 4.25" wide glass lens is placed between lamps - each with its own switch eliminating glare. 4 diopter and 8 diopter 3" OD auxiliary lenses are available optionally for instant mounting when additional magnification is required. 45" reach adjustable arms with precision cast swivel deliver light exactly where needed. Supplied with adjustable angles (VC-6) clamp. Ruggedly built to last. UL listed. US made. Other accessories are available optionally.

Catalog Number	Description	Price
35-165	Wide Angle Illuminated #7450	\$299.50

MODEL #7452

Portable weighted base model delivering same specs and features for use in close - limited space - work quarters.

Catalog Number	Description	Price
35-170	Wide Angle Desktop #7452	\$339.50

INDEPENDENT DUAL FUNCTION LAMP/MAGNIFIERS



Halogen - 100W Model 7426

100 watt Halogen magnifier lamp for continuous inspection of minute parts. Precision swivel for shade adjustments. 5" diameter, 3 diopter glass. Supplied with 100W 2000 hours Halogen bulb (Repl't #1435). 3 position switch .8 ft cord. 8.75" x 8.75" base. UVB filter.

- Shown with optional swing away magnifier - see above.
- Dimensions: 18" High - 18" Reach. Base is 8.75" x 8.75"

Catalog Number	Description	Price
35-180	100 Watt Halogen with Weighted Base	\$235.00

7308 ALPHA SERIES DUAL FUNCTION

Independent dual function 3 diopter 5" - "both eyes" - magnifier along with its own independent flexible energy saving Halogen light. Low voltage 50W Halogen lamp, supplied - delivers almost 150% the output of 100W standard, but consumers only 50 watts of energy. 26" magnifier reach. 30" lamp reach. Supplied with VC-6 adjustable angle clamp. Convenient plug-in remote transformer. 8 ft. cord. On/off switch. Repl't. lamp #439. Accessories are available optionally. UVB filter.



Catalog Number	Description	Price
35-185	50 Watt with Clamp	\$169.50
35-186	50 Watt with Base	\$169.50

#7420 HALOGEN UNIVERSAL - 100W



SLX™ Power Series Halogen. Ruggedly built, unique lamp. 32" reach. Additional options are available through SLS-LUX, including the side bracket (SB-1) for use on side of traveling automated drawing machines. Supplied with 100W 120V quartz Halogen bulb (Repl't #1435), a VC-6 adjustable clamp and a convenience outlet box for test instruments, electric tools, etc. 9 ft. 3-conductor grounded cord. UVB filtered.

Catalog Number	Description	Price
35-175	Halogen 100W #7420	\$147.50

Shown on optional FS-2 Floor Stand

#7422 HALOGEN DESK LAMP - 100W



SLX™ Power Series Halogen Desk Lamp. Computer designed reflector evenly diffuses bright white Halogen light - ideal for low vision and visually impaired users. Flex arm convenience - 30" reach. Supplied with UVB filtering safety glass enclosure. Portable, compact, ruggedly built. BD-1 Deflecting Barn Doors available optionally. Bulb supplied (100W replacement #1435). 8 foot cord.

Catalog Number	Description	Price
35-190	Base Model #7422	\$147.50
35-195	Adjustable Angle Model #7420	147.50

SLS-LUX Scientific

LIQUID HANDLING

JENCONS VARIABLE VOLUME SINGLE CHANNEL PIPETTERS

A range of specially designed, digital, variable volume pipettors. Volume adjustment is easily obtained by turning the light but positive thumb activated plunger mechanism. The selected volume is shown on the clear digital display on the hand grip. Five models cover the volume range 0.5ul-5000ul.



Cat. #	Range	Increment	Inaccuracy	Imprecision	Price
10-130	0.5-10ul	0.1ul	<5.0-<1.5%	<5.0-<1.05	\$204.00
10-132	5-50ul	0.5ul	<3.5-<1.2%	<3.0-<0.4%	204.00
10-133	50-200ul	1.0ul	<1.0-<0.7%	<0.4-<0.2%	204.00
10-134	200-1000ul	5.0ul	≤0.8-<0.8%	<0.3-<0.2%	204.00
10-135	1-5MI	50ul	<0.8-<1.0%	<0.3-<0.2%	204.00

FIXED VOLUME SINGLE CHANNEL PIPETTERS

A range of specially designed fixed volume pipettors ideally suited to the pipetting needs of educational, medical, research and industrial laboratories. Twelve models cover the range 5MI-5000ul. Sealpette fixed volume pipettors are the ideal solution for laboratories carrying out routine, repetitive pipetting with a high degree of accuracy and precision

FIXED VOLUME SINGLE CHANNEL MODELS

Cat. #	Capacity	Inaccuracy	Imprecision	Price
10-140	5ul	<3.5%	<3.0%	\$140.00
10-141	10ul	<1.5%	<1.0%	140.00
10-142	20ul	<1.8%	<1.2%	140.00
10-143	25ul	<1.5%	<0.5%	140.00
10-144	50ul	<1.0%	<0.4%	140.00
10-145	100ul	<0.8%	<0.3%	140.00
10-146	200ul	<0.7%	<0.2%	140.00
10-147	250ul	<0.8%	<0.3%	140.00
10-148	500ul	<0.7%	<0.3%	140.00
10-149	1000ul	<0.6%	<0.2%	140.00
10-150	2000ul	<0.9%	<0.3%	140.00
10-151	5000ul	<0.8%	<0.2%	140.00

JENCONS VARIABLE VOLUME DIGITAL MULTI-CHANNEL PIPETTERS

The Sealpette multi-channel range features seven models covering the volume range 0.5ul -250ul in 4, 8 and 12 channel versions.

The 0.5ul -10ul, 8 channel unit accepts microvolume crystal tips.
ORDERING INFORMATION



Cat. #	Channels	Vol Range	Increment	Inaccuracy	Imprecision	Price
10-570	4	5-50MI	0.5MI	<4.0-<1.5%	<3.0-<0.6%	\$410.00
10-571	4	50-250MI	5.0MI	<1.5-<1.0%	<0.8-<0.5%	410.00
10-572	8	0.5-10MI	0.1MI	<5.0-<1.8%	<4.5-<1.5%	510.00
10-573	8	5-50MI	0.5MI	<4.0-<1.5%	<3.0-<0.6%	510.00
10-574	8	50-250MI	5.0MI	<1.5-<1.0%	<0.8-<0.5%	510.00
10-575	12	5-50MI	0.5MI	<4.0-<1.5%	<3.0-<0.6%	610.00
10-576	12	50-250MI	5.0MI	<1.5-<1.0%	<0.8-<0.5%	610.00

Multi-channel Sealpettes have a unique staggered tip eject bar to ensure easy and safe tip ejection. The multi-channel head will swivel through 360° to allow the user to operate the pipettor comfortably in any position.

1 - 8 0 0 - 2 2 0 - 7 5 7 4

www.sls-lux.com

LIQUID HANDLING

JENCONS ELECTRONIC SINGLE CHANNEL PIPETTERS

Six single channel electronic programmable pipettors cover the range from 0.2ul to 5000ul. All models offer improved accuracy and precision over manual pipettors.

A charging stand is an essential part of the Electronic Sealpette pipettor and Jencons offers a choice of two styles, an individual charging stand and a four place charging carousel. Therefore an Electronic Sealpette can be purchased in one of two ways; complete with its charging stand or without its charging stand for when the pipettor is to be used with a 4 place charging carousel (ordered separately).



WITH CHARGING STAND

Catalog Number	Volume range	Increment	Inaccuracy	Imprecision	Price
10-480	0.2 - 10ul	0.1ul	2ul / 5.0%	<3.5%	\$615.00
			10ul / 2.5%	<1.5%	
10-481	5 - 100ul	1ul	5ul / 3.0%	<2.5%	599.00
			10ul / 2.0%	<1.0%	
			100ul / 0.6%	<0.2%	
10-482	10-250ul	5ul	10ul / 4.0%	<1.8%	599.00
			25ul / 2.0%	<1.0%	
			250ul / 0.6%	<0.2%	
10-483	20 - 500ul	5ul	20ul / 4.0%	<1.8%	599.00
			50ul / 1.5%	<1.0%	
			500ul / 0.5%	<0.2%	
10-484	50-1000ul	10ul	50ul / 2.5%	<1.4%	599.00
			100ul / 1.5%	<1.0%	
			1000ul / 0.5%	<0.2%	
10-485	100 - 5000ul	50ul	5000ul / 0.7%	<0.3%	615.00

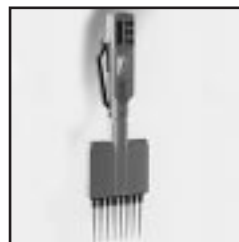
ELECTRONIC SEALPETTES WITHOUT CHARGING STAND

Catalog Number	Volume range	Increment	Inaccuracy	Imprecision	Price
10-490	0.2 - 10ul	0.1ul	2ul / 5.0%	<3.5%	\$590.00
10-491	5 - 100ul	1ul	5ul / 3.0%	<2.5%	574.00
10-492	10 - 250ul	5ul	10ul / 4.0%	<1.8%	574.00
10-493	20 - 500ul	5ul	20ul / 4.0%	<1.8%	574.00
10-494	50 - 1000ul	10ul	50ul / 2.5%	<1.4%	574.00
10-495	100 - 5000ul	50ul	5000ul / 0.7%	<0.3%	590.00

JENCONS ELECTRONIC MULTI CHANNEL PIPETTERS

A range of seven multi-channel pipettors for accurate 4, 8 and 12 channel pipetting and dispensing.

Catalog Number	No. of Channels	Volume range	Increment	Inaccuracy	Imprecision	Price
10-500	4	5 - 100ul	1ul	10MI / 2.0%	<2.0%	\$815.00
				100MI / 0.8%	<0.3%	
10-501	4	25-250ul	5ul	25MI / 2.0%	<1.0%	815.00
				250MI / 0.7%	<0.2%	
10-502	8	5 - 100ul	1ul	10MI / 2.0%	<2.0%	965.00
				100MI / 0.8%	<0.3%	
10-503	8	25-250ul	5ul	25MI / 2.0%	<1.0%	965.00
				250MI / 0.7%	<0.2%	
10-504	8	50-1200ul	10ul	1200MI / 1.2%	<0.3%	1195.00
10-505	12	5 - 100ul	1ul	10MI / 2.0%	<2.0%	1115.00
				100MI / 0.8%	<0.3%	
10-506	12	25-250ul	5ul	25MI / 2.0%	<1.0%	1115.00
				250MI / 0.7%	<0.2%	



MULTI-CHANNEL ELECTRONIC SEALPETTES WITHOUT CHARGING STAND

Catalog Number	No. of Channels	Volume range	Increment	Inaccuracy	Imprecision	Price
10-510	4	5 - 100ul	1ul	100ul / 0.8%	<0.3%	\$790.00
10-511	4	25-250ul	5ul	250ul / 0.7%	<0.2%	790.00
10-512	8	5 - 100ul	1ul	100ul / 0.8%	<0.3%	940.00
10-513	8	25-250ul	5ul	250ul / 0.7%	<0.2%	940.00
10-514	8	50-1200ul	10ul	1200ul / 1.2%	<0.3%	1170.00
10-515	12	5 - 100ul	1ul	100ul / 0.8%	<0.3%	1090.00
10-516	12	25-250ul	5ul	250ul / 0.7%	<0.2%	1090.00

SLS-LUX Scientific

JENCONS CHARGING STANDS



The Electronic Sealpettes are powered by an environmentally friendly nickel hydride battery which requires a charging stand or carousel. The battery is automatically recharged while the instrument is on the anti-tip stand. Inductive charging technology eliminates clumsy connectors and ensures the instrument is always ready for use. Over 1000 pipettings are easily achieved between each recharging.

Jencons' Sealpette Programme gives you two options for charging stands for your Electronic Sealpette pipettors. The Sealpette charging stand holds an individual Sealpette whereas the charging carousel can hold up to four single or multi-channel pipettors.

Cat. No	Description	Price
10-470	Charging stand for 1 pipettor	\$200.00
10-471	Sealpette Charging Carousel for 4 pipettors	395.00

ACRYLIC BENCH RACK



Designed for multi-channel and single volume pipettors. Holds six multi-channel or 18 single channel pipettors.

Cat. No.	Description	Price
10-474	Sealpette acrylic bench rack	\$74.00

CAROUSEL PIPETTOR STANDS



Sealpette pipettor stands are available in heavy weight enamel or specially moulded white plastic. Designed to hold six single channel pipettors.

Cat. No.	Description	Price
10-475	Enamel carousel pipettor stand	\$137.00
10-476	White plastic carousel stand	76.00

MICROPIPETTE WORK STATION



The newly designed Micropipette Work Station will accommodate 6 single channel micropipettes.*

Supplied unassembled, four elements can be quickly assembled into either a benchtop unit or, where bench space is unavailable, a wall-mounted unit. All mounting hardware is included.

The Micropipette Work Station is attractively constructed of anodized aluminum, polypropylene and stainless steel for durability and minimal care requirements.

Cat. No.	Description	Price
10-473	Micropipette Work Station	\$135.46

*Does not accommodate positive displacement or 5 mL pipettes.

ACRYLIC WALL RACK



Designed for multi-channel and single volume pipettors. Holds six multi-channel or 18 single channel pipettors. Complete with fixing screws.

Cat. No.	Description	Price
10-478	Sealpette acrylic wall rack	\$44.00

SLS-LUX Scientific

LIQUID HANDLING

PIPETTOR TIPS FOR JENCONS PIPETTORS

Jencons, SealTip, Pipettor Tips

A comprehensive range of tips, both racked and loose is available in two grades; Superfine and Economy.

The Superfine range is recommended for use with Jencons' Sealpettes to guarantee optimum precision and accuracy. All Sealpette quality assurance and calibration is performed only with Superfine tips.

The economy range represents an excellent value for money option at a lower price. Samples of all tips for evaluation are available- please call our Sales Department.

Superfine Tips

- Manufactured from premium grade virgin polypropylene
 - Autoclavable
 - Non-wettable material ensures optimum precision and accuracy
 - Precision formed to eliminate any microscopic flash or irregularity
 - Manufactured and packed in a dust-free environment to the highest quality standards
- Please refer to the SealTip Selector Tables for detailed information.

Jencons' Digital Sealpettes

SLS-Lux Cat. No.	Pipettor	Range	Suitable tips
10-130	1 Channel Variable Micro Volume	0.5-10ul	D, H
10-132	1 Channel Variable Volume	5.0-50ul	A, E, J
10-133	1 Channel Variable Volume	50-200ul	A, E, J
10-134	1 Channel Variable Volume	200-1000ul	B, F, K
10-135	1 Channel Variable Volume	1000-5000ul	C, G
10-570	4 Channel Variable Volume	5-50ul	E, J, M
10-571	4 Channel Variable Volume	50-250ul	E, J, M
10-572	8 Channel Variable Micro Volume	0.5-10ul	D, H
10-573	8 Channel Variable Volume	5-50ul	E, J, M
10-574	8 Channel Variable Volume	50-250ul	E, J, M
10-575	12 Channel Variable Volume	5-50ul	E, J, M
10-576	12 Channel Variable Volume	50-250ul	E, J, M
10-140	1 Channel Fixed Volume	5ul	A, E, J
10-141	1 Channel Fixed Volume	10ul	A, E, J
10-142	1 Channel Fixed Volume	20ul	A, E, J
10-143	1 Channel Fixed Volume	25ul	A, E, J
10-144	1 Channel Fixed Volume	50ul	A, E, J
10-145	1 Channel Fixed Volume	100ul	A, E, J
10-146	1 Channel Fixed Volume	200ul	A, E, J
10-147	1 Channel Fixed Volume	250ul	A, E, J
10-148	1 Channel Fixed Volume	500ul	B, F, K
10-149	1 Channel Fixed Volume	1000ul	B, F, K
10-150	1 Channel Fixed Volume	2000ul	C, G
10-151	1 Channel Fixed Volume	5000ul	C, G

Jencons' Electronic Sealpettes

SLS-Lux Cat. No.	Pipettor	Range	Suitable tips
10-480	1 Channel Electronic	0.2-10ul	D, H
10-481	1 Channel Electronic	5-100ul	E, J
10-482	1 Channel Electronic	10-250ul	E, J
10-483	1 Channel Electronic	20-500ul	F, K
10-484	1 Channel Electronic	50-1000ul	F, K
10-485	1 Channel Electronic	500-1000ul	C, G
10-500	4 Channel Electronic	5-100ul	E, J, M
10-501	4 Channel Electronic	25-250ul	E, J, M
10-502	8 Channel Electronic	5-100ul	E, J, M
10-503	8 Channel Electronic	25-250ul	E, J, M
10-504	8 Channel Electronic	50-1200ul	L
10-505	12 Channel Electronic	5-100ul	E, J, M
10-506	12 Channel Electronic	25-250ul	E, J, M

Loose Tip SealTip Selector

Tip Ref	A	B	C	D	E	F	G
Name	Economy	Economy	Superfine	Superfine Micro	Superfine	Superfine	Superfine
Color	Yellow	Blue	White	White	White	White	White
Vol. range	0.5-250ml	200-1000ml	1000-5000ml	0.5-10ml	0.5-250ml	200-1000ml	1000-5000ml
Pack Size	1000	1000	900	1000	1000	400	100
Cat. No.	10-550	10-551	10-552	10-553	10-554	10-555	10-556
Price	\$19.30	\$22.80	\$68.80	\$42.70	\$22.70	\$14.30	\$17.50

Racked Tip SealTip Selector

H	J	K	L
Superfine Micro	Superfine	Superfine	Superfine
White	White	White	White
0.5-10ml	0.5-250ml	200-1000ml	50-1200ml
10x96	10x96	10x96	10x96
10-560	10-561	10-562	10-563
\$64.80	\$47.30	\$56.00	\$82.00

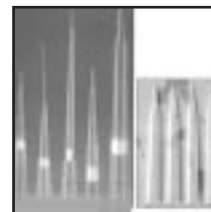
FILTERSEAL SEALTIPS,

Gamma Irradiated SealTips, Range 5-1000ml

FilterSeal filter SealTips feature a non self-sealing hydrophobic filter medium composed of ultra high density polyethylene. Traps aerosols and airborne contaminants from the pipettor's airstream. Greatly reduces the potential of carryover and cross contamination between samples.

Ideal for DNA/RNA work, clinical and radio-labelled samples. Each tip is packed in a certified clean room environment and tested to ensure sterility.

Filtertips can be used with most brands of pipettors up to 1000ml. Supplied in sensible matrix configurations for speedy, safe fitting to single channel or 4, 8 and 12 channel micropipettors.



Cat. No.	FilterSeal type	Range	Length	Pack	Price
10-580	Gruduated	5-50ul	59mm	10 racks of 96	\$244.00
10-581	GELSAVER*	5-50ul	69mm	5 racks of 204	288.80
10-582	Extra Long	5-50ul	91mm	8 racks of 204	487.70
10-583	Gruduated	50-200ul	59mm	10 racks of 96	244.00
10-584	Extra long	200-1000ul	88mm	10 racks of 100	288.80
10-585	Micro volume	0.5-10ul	46mm	10 racks of 96	245.70

SLS-LUX Scientific

LIQUID HANDLING

SLS-LUX SCIENTIFIC BRAND PIPET TIPS

BULK PACKED FOR EXTRA SAVINGS

PIPETTOR	PIPETTOR	PIPETTOR	SLS-LUX	CASE	CASE
MANUFACTURER	MANUFACTURER NO.	SIZE	COLOR	PIPET NO.	PACK PRICE
BECKMAN BIOMEK	372654	1-250MI	NATURAL	10-7500	1000 \$18.00
	609045	1-20MI	NATURAL	10-7504	1000 18.00
CLAY ADAMS SELECT APETTE	4696	1-1000MI	NATURAL	10-7590	500 24.08
EPPENDORF	22-35-156-7	0.5-10MI	NATURAL	10-7502	1000 18.00
(4700 SERIES)	22-35-130-3	1-100MI	YELLOW	10-7507	1000 18.00
Tip Ejector	22-35-090-1	101-1000MI	BLUE	10-7512	1000 18.00
EXCALIBER		1-200MI	YELLOW	10-7507	1000 18.00
		100-1000MI	BLUE	10-7510	1000 18.00
FIBROMETER	70314	100-200MI	NATURAL	10-9508	1000 21.00
FINNPIPETTE	FINNTIP CODE 60	1-250MI	YELLOW	10-7509	1000 18.00
	FINNTIP CODE 60	1-250MI	NATURAL	10-7560	1000 18.00
	FINNTIP CODE 61	200-1000MI	GREEN	10-7535 (with adapter)	1000 18.00
	FINNTIP CODE 62	1-5MI	NATURAL	10-7580	250 60.00
MLA	4025-9025	1-200MI	NATURAL	10-7560	1000 18.00
	4026-9026	200-1000MI	NATURAL	10-7565	1000 18.00
	9048	1-5MI	NATURAL	10-7580	250 60.00
STOCKWELL JUSTOR	7507	5-199MI	YELLOW	10-7507	1000 18.00
	7512	200-1000MI	BLUE	10-7512	1000 18.00
JUSTPR 5000DG	7580	1-5MI	NATURAL	10-7580	250 60.00
OXFORD	810	1-200MI	NATURAL	10-7525	1000 18.00
	811	200-500MI	YELLOW	10-7530	1000 18.00
8000 SERIES	812	500-1000MI	GREEN	10-7535	1000 18.00
OXFORD BENCHMARK		1-200MI	YELLOW	10-7509	1000 18.00
P-7000 (Slim-Line Series)	910	1-200MI	NATURAL	10-7540	1000 18.00
	911	201-1000MI	BLUE	10-7512	1000 18.00
	814, 809	1-5MI	NATURAL	10-7580	250 60.00
PIPETMAN	RC-10	0.5-10MI	NATURAL	10-7501	1000 18.00
	RC-20	1-200MI	YELLOW	10-7509	1000 18.00
	RC-200	200-1000MI	BLUE	10-7514	1000 18.00
	RC-5000	1-5MI	NATURAL	10-7580	1000 18.00
QUICKPETTE	5150	10-200MI	NATURAL	10-7525	1000 18.00
	5151	200-500MI	YELLOW	10-7530	1000 18.00
	5152	500-1000MI	GREEN	10-7535	1000 18.00
SHERWOOD	220003	10-500MI	NATURAL	10-7550	1000 18.00
BECKMAN	651576	10-500MI	NATURAL	10-7550	1000 18.00
SOCOREX	0130-3	10-100MI	YELLOW	10-7509	1000 18.00
	0090-1	101-1000MI	BLUE	10-7514	1000 18.00
VOLAC		1-200MI	YELLOW	10-7507	1000 18.00
		200-1000MI	BLUE	10-7512	1000 18.00
		1-5MI	NATURAL	10-7580	250 60.00

UNIVERSAL GRADUATED PIPET TIPS

1-200mL/UNIVERSAL PIPET TIP

- Graduated at 10, 20, 50, 100, and 200mL.
- Beveled tip for precise and accurate sample discharge.
- Fits Pipetman, Eppendorf, MLA, Oxford, Titertek, Finnpiquette, Socorex, and most multichannel pipettors.

100-1000mL/UNIVERSAL PIPET TIP

- Graduated at 100, 250, 500, 750, and 1000mL.
- Exceptional clarity provides easy sample identification.
- Metal free natural tip.
- Reduce inventory levels: Fits Pipetman and Eppendorf pipettors.
- Packaged in bulk.



Catalog Number	Description	Case	Case Pack	Price
10-190	Natural 1-200mL	1000		\$18.00
10-191	Yellow 1-200mL	1000		18.00
10-192	Natural 100-1000mL	1000		18.00
10-193	Blue 100-1000mL	1000		18.00

BIOMEK PIPET TIPS FOR BECKMAN'S BIOMEK BIROBOTICS SYSTEM

These pipet tips and racks are specifically designed for use with Beckman's Biomek 1000 and 2000 automated workstations. There are two sizes available, 1-20mL and 1-250mL. The tips are packed in three different configurations: bags of 1000, racked non-sterile.

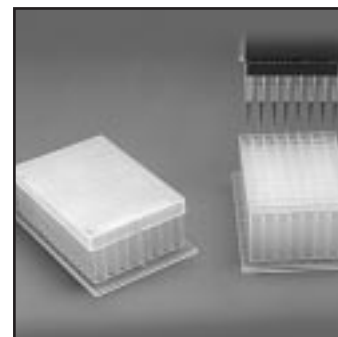


Catalog Number	Description	Inner	Inner Pack	Case Pack	Price
10-195	1-250mL		Bulk	1000	\$18.00
10-196	1-250mL		96/Rack	1000	46.00
10-197	1-20mL		Bulk	1000	18.00
10-198	1-20mL		96/Rack	1000	46.00

96 DEEP-WELL BIO-BLOCK™ PLATE

The 96 DEEP-WELL BIO-BLOCK™ Plate offers an entirely expanded capability for your multi-channel pipetting or

automated pipetting system. The 2ml per deep well affords the technician and scientist the opportunity to perform non-binding protein assays in the polypropylene BIO-BLOCK™ Plate. It is ideal for enzyme or receptor assays and will interface with most cell harvesters. The 2mL capacity allows for serial dilution procedures not available in the typical microtiter plate application mode. The BIO-BLOCK™ Plate can also be covered using specially molded polypropylene covers which separate each well via a sealing ring. This reduces cross contamination and allows for easy staking of BIO-BLOCK™ Plates.



Catalog Number	Description	Price
10-220	BIO-BLOCK™ Plate, polypropylene, non-sterile, 96-well footprint, case/24	\$ 99.95
10-221	BIO-BLOCK™ Plate, polypropylene, sterile, 96-well footprint, case/24	114.50
10-222	BIO-BLOCK™ Plate cover, polypropylene, case/24	26.00
10-223	BIO-BLOCK™ Plate side loader collar, polypropylene, case/24	37.95
10-224	BIO-BLOCK™ Plate cover, polypropylene, sterile, individually packed, case/24	39.95

DISPOSABLE PIPETTES (PS)- STERILE

Crystal grade polystyrene is used for consistency in manufacture and maximum clarity, with easy to read crisp black printed graduations enabling the pipettes to be used accurately to +/-1%. Sterility is guaranteed by gamma radiation at a license holding irradiation plant, which follows the relevant recommendations in the DHSS Guide to Good Manufacturing Practice for Sterile Medical Devices and Surgical Products. Sterile pipettes are tested for pyrogenicity, and have a pyrogen level of less than 0.25 EU/mL.



Cat No.	Description	Sterility	Overall Length mm	Suction Adapt. Diam. mm	Number per case	Price per case
10-170	1 ml, single wrap(shelf pack 100)	lr	279	4.8	500	\$ 85.50
10-171	2 ml, single wrap(shelf pack 100)	lr	279	5.0	500	85.50
10-172	5 ml, single wrap(shelf pack 50)	lr	298	8.0	200	73.50
10-173	10 ml, single wrap(shelf pack 50)	lr	333	7.4	500	197.00
10-174	25 ml, single wrap(shelf pack 25)	lr	349	7.9	200	167.00
10-175	50 ml, single wrap(shelf pack 25)	lr	279	7.4	50	93.30
10-176	1ml pipette bulk pack (shelf pack 25)	lr	279	4.8	500	77.50
10-177	2 ml pipette bulk pack (shelf pack 25)	lr	279	4.8	500	77.50
10-178	5 ml pipette bulk pack (shelf pack 25)	lr	298	8.0	200	69.82
10-179	10 ml pipette bulk pack (shelf pack 25)	lr	333	7.4	500	187.15
10-180	5 ml shortie, single wrap (shelf pack 50)	lr	226	7.4	200	123.50
10-181	10 ml shortie, single wrap (shelf pack 50)	lr	298	8.0	200	253.40
10-182	5 ml, narrow orifice pipette, single wrap	lr	298	8.0	200	55.00
10-183	10 ml, narrow orifice pipette, single wrap	lr	333	7.4	500	197.00

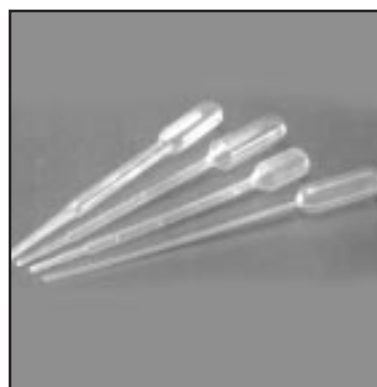
SLS-LUX Scientific

LIQUID HANDLING

TRANSFER PIPETS

Liquipette™ Transfer Pipets are a safe, reliable, convenient alternative to glass Pasteur pipets.

- Multiple uses in all types of laboratories:
 - May be heat sealed for sample storage
 - Convenient for transferring approximate volumes
 - Ideal for dispensing all types of buffers, reagents or other solutions
- Eliminates risk of injury or infection from broken glass.
- One piece, flexible, chemically inert, low density polyethylene construction.
- Controlled, reproducible drop size.
- Many sizes, styles and packaging choices including bulk and irradiated, individually wrapped, sterile options.
- Graduated for specific volumes or measurement.



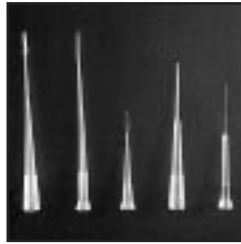
Cat. No.	Nominal Stem Capacity (ML)	Graduation	Desc.	Lgth. (mm)	Max. Stem Diameter (mm)	Drop Size (ML)	Drops per mL	Bulb Draw (ML)	Case Qty.	Price per Case
10-220	0.5	To 0.5ML	Mini	85	5.3	40	25	1.0	1000	\$37.00
10-221	0.8	To 0.5ML	Mini Plus	115	5.3	40	25	1.0	1000	37.00
10-222	1.0	To 1.0ML	Small Bulb	140	5.1	40	25	1.5	500	18.50
10-223	1.0	To 1.0ML	Small Bulb Sterile, Ind. Wrap	140	5.1	40	25	1.5	250	19.50
10-224	0.1	None	Thin Stem	152	2.5	40	25	3.5	500	18.50
10-225	0.1	None	Thin Stem Sterile, Ind. Wrap	152	2.5	40	25	3.5	250	19.50
10-226	2.0	None	Blood Bank	152	7.6	40	25	3.5	500	18.50
10-227	2.0	None	Blood Bank Sterile, Ind. Wrap	152	7.6	40	25	3.5	250	19.50
10-228	1.0	To 1.0ML	Standard 1.0ML	152	5.6	40	25	3.5	500	18.50
10-229	1.0	To 1.0ML	Standard 1.0ML Sterile, Ind. Wrap	152	5.6	40	25	3.5	500	19.50
10-231	1.0	To 1.0ML	Standard 1.0ML Sterile, Ind. Wrap	152	5.6	40	25	3.5	250	19.50
10-232	1.0	To 1.0ML	Standard 1.0ML Sterile/10 Pack	152	5.6	40	25	3.5	500	34.50
10-233	1.0	To 1.0ML	Standard 1.0ML Sterile/20 Pack	152	5.6	40	25	3.5	500	32.00
10-234	1.8	None	Extra Long	229	4.7	40	25	3.5	500	23.00
10-235	1.8	None	Extra Long, Sterile	229	4.7	40	25	3.5	250	33.00
10-237	3.0	To 3.0ML	Standard 3.0ML	152	8.1	45	22	3.5	500	18.50
10-238	3.0	To 3.0ML	Standard 3.0ML Sterile, Ind. Wrap	152	8.1	45	22	3.5	250	19.50
10-239	3.0	To 3.0ML	Standard 3.0ML Sterile, 10/Pack	152	8.1	45	22	3.5	500	34.50
10-240	3.0	To 3.0ML	Standard 3.0ML Sterile, 20/Pack	152	8.1	45	22	3.5	500	32.00
10-241	0.9	None	Microtip	150	5.1	20	50	3.5	500	37.00
10-242	3.0	To 3.0ML	Special 3.0ML	158	7.9	40	25	3.5	500	18.50
10-243	3.0	To 3.0ML	Special 3.0ML Sterile, Ind. Wrap	158	7.9	40	25	3.5	250	19.50
10-244	0.1	To 10ML	Short Stem	120	3.2	40	25	7.0	250	17.50
10-245	0.3	To 10ML	Long Stem	170	3.2	40	25	7.0	250	17.50

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www.sls-lux.com

LIQUID HANDLING

GEL-LOADING PIPET TIPS



Available in 2 O.D. sizes, Gel-Saver® Pipet Tips can handle any gel thickness from protein-sized to sequencing gels. Constructed of 100% virgin polypropylene with a flash-free surface and an absence of mod-release agents Gel-Saver Pipet Tips allow for complete and uncompromised sample transfer every time.

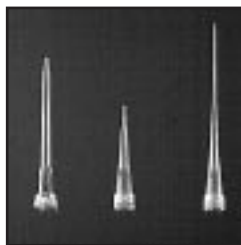
Gel-Saver-I Pipet Tips with an O.D. of less than 0.25mm are appropriate for PAGE and sequencing gel electrophoresis and accommodate the Eppendorf Ultra-Micro® and the Pipetman P-20® pipettors. Tip capacity: 0.5-10ul.

Gel-Saver-II Pipet Tips with an O.D. of less than 0.54mm are appropriate for protein and DNA/RNA gel electrophoresis and accommodate all common Eppendorf®, Pipetman® and Socorex® pipettors. Tip capacity 1-200ul.

10-100	Gel-Saver I Tips	rk/204	\$37.50
10-101	Gel-Saver II Tips	bg/1M	36.00
10-102	Gel-Saver II Tips, Autoclavable		49.25

cs/5 racks of 200

MICROVOLUME PIPET TIPS: EXCELLENCE IN SMALL VOLUME DELIVERY



Microvolume Tips provide precise 0.5-10MI volume delivery.

Manufactured of natural color, metal- and dye-free, non-wettable virgin polypropylene without mold-release agents, Microvolume Tips feature a fine flash-free delivery orifice for completely reproducible, accurate sample delivery every time.

Available in two models, with three packaging configurations in each: the **10-105**, **10-106** and **-107** fit the Pipetman® P-10, Rainin® EDP-2 and EDP-PLUS, and are available in bulk bags of 1000 or 10 racks of 96 tips, sterile or non-sterile. The **10-108**, **10-109**, and **-10-110** fit the Eppendorf® Ultra Micro Pipettor and Pipetman® P20 and are available in bulk bags of 1000 or 10 racks of 100 tips, sterile or non-sterile.

10-105	Microvolume Tips	bag/1M	\$25.00
10-106	Microvolume Tips, racks	cs/960	46.50
10-107	Microvolume Tips, racks-sterile	cs/960	54.00
10-108	Microvolume Tips	bag/1M	25.00
10-109	Microvolume Tips, racks	cs/1M	46.50
10-110	Microvolume Tips, racks-sterile	cs/1M	54.00

ELIMINATE CELL DAMAGE AND TRAUMA DURING TRANSFER



These cell saving Large Orifice Pipet Tips virtually eliminate shearing of DNA preparations and damage to viable cells during pipetting. Constructed of non-wettable virgin polypropylene, the innovative design employs an enlarged orifice to minimize the "transfer trauma" associated with pipetting viable samples in standard tips. The enlarged orifice facilitates the transfer of large cells, genomic DNA, viscous fluids and colloids without compromising accuracy. Available in two sizes: 1-250ul and 200-1000ul.

10-120	Lg Orifice Tips-Nonsterile	1-250ul	10 Racks/96	\$37.00
10-121	Lg Orifice Tips-Sterile	1-250ul	10 Racks/96	\$45.00
10-122	Lg Orifice Tips-Nonsterile	1-250ul	Bg/1M	\$21.00
10-123	Lg Orifice Tips-Nonsterile	101-1000ul	Bg/1M	\$28.00
10-124	Lg Orifice Tips-Nonsterile	101-1000ul	10 Racks/96	\$46.75
10-125	Lg Orifice Tips-Sterile	101-1000ul	10 Racks/100	\$53.75

BECAUSE PIPETTOR ACCURACY IS CRUCIAL

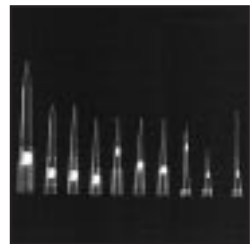


The Pipettor Accuracy Test Kit provides a fast, simple way of checking the precise milliliter volumes of your pipettors on a regular basis. The kit can be used with all air-displacement pipettors by Rainin®, Gilson®, Eppendorf®, Clinicon®, Brand®, Finn®, Sealpette and others.

The kit contains: 2 soft color-coded vinyl adapters-yellow for volumes up to 100ul and blue for 200 to 1000MI; 25 each of 5 sizes of glass capillaries and 2 glass pipettes for higher volumes. All capillaries are color-coded and have a calibration line accuracy of ±.05mm. Comes with complete instructions for use.

10-520	Pipettor Accuracy Kit		\$38.70
10-521	Repl. Capillaries 10ul	pk/250	38.70
10-522	Repl. Capillaries 20ul	pk/250	38.70
10-523	Repl. Capillaries 50ul	pk/250	38.70
10-524	Repl. Capillaries 100ul	pk/250	38.70
10-525	Repl. Capillaries 200ul	pk/250	38.70

PREVENT SAMPLE CARRY-OVER AND CROSS CONTAMINATION



Aerosol Sterile Filter Tips protect samples and pipettors. Each tip contains an inert filter material that traps airborne aerosols and residues generated during normal air displacement pipetting, effectively preventing potential contamination of the pipettor as well as reducing the risk of cross-contamination of valuable samples and providing assurance of discrete sample handling.

Designed for use with Pipetman®, Finnipette®, and Titertek® pipettors, Aerosol Tips are available in four capacities, appropriate size depends on the pipettor used. All are constructed of metal-free clear polypropylene and are manufactured racked and sterilized (by gamma irradiation) in a clean room environment. Supplied in 10 hinged-lid racks of 96 tips, ready-to-use without any pistons and capillaries to assemble. Case of 960

Catalog Number	Description	Case	Price
10-530	Aerosol Tips, 0-20ul	cs/960	\$83.50
10-531	Aerosol Tips, 0-160ul	cs/960	83.50
10-532	Aerosol Tips, 0-200ul	cs/960	111.50
10-533	Aerosol Tips, 101-1000ul	cs/960	111.50

SLS-LUX Scientific

LIQUID HANDLING

MAX® MEMORY PIPETTOR



Max is the first portable pipetting aid with a built-in memory function. Once the unit is set, Max can efficiently repeat your volumes.

Max has 3 modes of operation: 1) auto stop during aspiration; 2) step pipetting during dispense; and 3) regular pipetting. To memorize a volume simply aspirate (or dispense) the volume once in "set" mode then switch to "run". Now, Max will aspirate and stop at the desired volume automatically; or function as a step pipettor, repeatedly dispensing the set volume until the pipet is empty. A thumb-wheel dial allows adjustment of the speed, even while pipetting.

Max has a unique venting system that protects the unit while pipetting corrosives. An auto "sleep" function prolongs battery life by turning the power off when the unit is idle for 15 minutes. (The last setting is saved in memory.) Additional features include an easy access battery compartment and low battery warning light. Max comes complete with a battery charger which fully recharges NiCad batteries overnight.

MINIPET®

Self filling pipettor: Designed for Speed, Ease, and Convenience.



Minipet is the most accurate and comfortable hand-held positive displacement repetitive dispenser. It's ideal for filling petri dishes, test tubes or culture flasks with media; dispensing buffer solutions; filling dilution blanks; and dispensing solvents, acids and reagents.

The molded polypropylene handle is ergonomically designed to permit extended use without fatigue. A unique Teflon® plunger assures smooth consistent operations, eliminating the risk of freezing, sticking to, or scratching the inside of the barrel. The three-way check valve is the heart of the automatic refill system: just place the filling in a reservoir, push the plunger to dispense and release to refill.

The Minipet is available in four capacities. Each unit has a micrometer-type screw thread adjustment to set volumes over the entire range. The self-locking plunger assures dispensing repeatability of $\pm 0.5\%$ ($\pm 1\%$ for 30 ml). Extensions can be added to the filling line for greater reach.

Teflon Minipet: A unique, truly universal dispenser, combines a high level of chemical resistance with the convenience and safety of a self-filling syringe-type repetitive dispenser. All-glass and Teflon construction allows it to be used with virtually any solvent or acid (except HF). Supplied with all glass and Teflon valve, Teflon sinker on 18" Teflon filling line (3/32" i.d.). Teflon® Minipet Ordering Information

TEFLON MINIPET ORDERING INFORMATION

	PRICE	CAPACITY/SUBDIVISION	PRICE
All Max units come complete with wall charger for batteries.			
10-290 Max Pipettor: 115 VAC:.....	\$349.95	10-295 1 ml/0.01 MI	\$192.65
10-291 Max Pipettor: 220 VAC:.....	379.95	10-296 4 ml/0.05 MI	192.65
10-292 Replacement Filters (pk2):.....	8.85	10-297 10 ml/0.2 MI	192.65
10-293 Sterile Filters (pk3):.....	13.95	10-298 30 ml/1.0 MI	255.45

Aqueous Minipet: Ideal for media and cell culture work. Easy to use, autoclavable and can be used with a luer lock manifold for multi-well plate work. Supplied with chrome-plated check valve, luer lock fitting, Buna-N seals, stainless steel spring, and luer lock cannula. 18" 1/8" i.d. silicone filling tube has a Teflon sinker.

Aqueous Minipet Ordering Information

	PRICE	CAPACITY/SUBDIVISION	PRICE
10-300	\$164.80	1 ml/0.01 MI	\$164.80
10-301	164.80	4 ml/0.05 MI	164.80
10-302	164.80	10 ml/0.2 MI	164.80
10-303	231.75	30 ml/ 1.0 MI	231.75

NEW ZIPPETTE® BOTTLETOP DISPENSER

SAFE, ACCURATE AND EASY TO USE

The new, fully adjustable Safety Zippette is available in 5 sizes from 2.5 to 50ml and is designed with accuracy and safety in mind. It is fitted with a specially designed piston within the borosilicate syringe body which gives a superbly-smooth movement, eliminating operator fatigue. The new valve system eliminates valve bounce and priming "spit" making it safer to use, and unlike all other bottletop dispensers the sterilizable borosilicate amber glass reservoir can be refilled without removing the Zippette.

The Zippette has a polypropylene encased body, clear graduations and a new capacity adjustment system with an accuracy of $\pm 0.7\%$ and a repeatability of better than $\pm 0.1\%$. The Zippette's new valve system contained within the PVDF pedestal has a jet protection collar securely holding the PTFE delivery jet, allowing safe filling of hand held narrow neck containers. Volume adjustment is simple: just turn the threaded adjustment knob to increase or decrease volume. Optional PVDF Volume Adaptors allow the Zippette to be fitted to any standard thread neck bottle or flask (sizes 33, 38, 40 or 45mm. Specify size when ordering).



10-310	0-2.5ml, 0.05MI subdiv.	\$229.00 ea.
10-311	0-5.0ml, 0.1MI subdiv.	229.00 ea.
10-312	0-10ml, 0.02MI subdiv.	238.00 ea.
10-313	0-30ml, 1.0MI subdiv.	289.00 ea.
10-314	0-50ml, 1.0MI subdiv.	299.00 ea.
10-315	Reservoir, 2 neck, 1400MI	35.00 ea.
10-316	Reservoir, 2 neck, 2500MI	91.00 ea.
10-317	Threaded adaptor	5.40 ea.

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LIQUID HANDLING

MOPET® THE FASTEST CORDLESS MOTORIZED PIPETTING AID



Eliminate the hazards of mouth pipetting without sacrificing portability. Mopet is ideal for use in flow or fume hoods, glove boxes, sterile areas, cold rooms, etc., because it has no trailing electrical cords or tubing. Rechargeable batteries make it completely portable, and a full charge gives a full day's work. The unit is lightweight, and balances easily and comfortably in the hand. It is also self-standing, designed to stand free on the bench top without contaminating pipet tips.

The fastest battery powered unit available. Mopet will pick up and dispense 10ml in three seconds and will fill a 100ml pipet. The unit accepts all standard pipets, from 0.5ml to 100ml (mouth o.d. 3 to 9.9 mm), and its power makes it ideal for volumes over 5ml. The pipet holder can be autoclaved to ensure sterility. Dual pushbuttons allow smooth control of pick-up and dispensing operations, and a built-in replacement hydrophobic filter keeps fluid out of the system and protects against biohazards. Mopet accepts any standard glass or plastic pipet, and can be used for TD or TC operations.

Mopet's battery pack completely recharges in 5 1/2 hours and may be recharged over 500 times, providing years of operation with average use. A built-in sensor prevents battery overcharge.

Available with plug-in wall charger or charger stand.

Mopet Ordering Information

Catalog Number	Description	Price
10-320	Mopet with wall charger 115 VAC	\$252.35
10-321	Mopet with wall charger 220 VAC	252.35
10-322	Mopet with charger stand 115 VAC	396.55
10-323	Mopet with charger stand 220 VAC	396.55
10-324	Charger stand for Mopet 115 VAC	200.85
10-325	Charger stand for Mopet 220 VAC	200.85
10-326	Replacement filters	8.95
10-327	Sterile filters	13.95

PORTAPET® THE ULTIMATE PORTABLE PIPETTING AID WITH A COMPLETELY SELF-CONTAINED POWER SOURCE



Portapet combines the fine control and portability of the Mopet with the simplicity and lightness (7oz) of a low density polyethylene bellows. Its self-contained non-electric power source and compact design makes Portapet ideal for use in Tissue Culture or fume hoods, for pulling samples in the field or for pipetting anywhere in or out of the laboratory.

Just compress Portapet's bellows to generate more than 100ml of total pipetting capacity. The unit is designed for use with any standard glass of plastic pipet from 0.5ml to 20ml (mouth o.d. from 3 mm to 9.9 mm), and has separate pushbuttons for sensitive control of pick-up, dispense, and blow-out. It can be used for TD of TC procedures.

A self-contained, replaceable hydrophobic filter keeps fluids from entering the unit and protects against biohazards, and Portapet's pipet holder can be autoclaved.

By simply removing the bellows, the Portapet may be attached to a house vacuum line for unlimited pipetting power.

Catalog Number	Description	Price
10-330	Portapet	\$124.95
10-331	Replacement filters	8.85
10-332	Sterile filters	13.95

MONO-BLOCK™ 12 WELL RESERVOIR



The 12-Well Reservoir offers the user the option of dispensing a full range of liquids into microtiter plates and deep well 96 chamber blocks. The Mono-Block™ 12-Well Reservoir is injection molded of virgin polypropylene. The lower foot print feature provides stability on the lab bench. All wells are designed with "V" bottoms to assist in recovering all unused liquids after pipetting tasks are concluded. Each well holds up to 5ml providing reserves for extended liquid handling activities. The unit measures 4.63" long x 1.50" wide x 1.80" high (118x38x46 mm), and is autoclavable at 250°F (121°C). 8 packs per case.

Catalog Number
10-350

Price
\$17.95

PIPETTING RESERVOIR

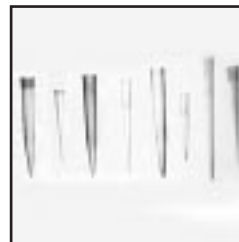


This Pipetting Reservoir has a 100ml capacity for extended multi-channel pipetting into microtiter plates, 1 ml mini-tubes and our 2.2 ml CUBE 2UBES®. This design allows ample clearance for all types of pipettors.

To maximize application flexibility, the reservoir is available in bulk, non-sterile and individually pouched radiation sterilization in bulk cases.

Catalog Number	Description	Price
10-355	Bulk packaged, non sterile	\$33.50
10-356	Individually packaged, radiation sterilized	41.95

HIGH QUALITY, LOW PRICE DISPOSABLE MICROPIPET TIPS



These superior quality polypropylene Micropipet Tips have a universal design to fit any Eppendorf Type pipettor, such as Brand®, Gilson®, Finn® and Socorex®. Approximately 4% of the tips in a case have reference marks for positive quality control. Available in two capacities: 2-200ul (yellow) and 101-1000ul (blue). Bulk pack only: case of 1000.

10-160	Pipet Tips 2-200ul	cs/1M	\$13.00
10-161	Pipet Tips 101-1000ul	cs/1M	14.60

SLS-LUX Scientific

LIQUID HANDLING

WHEATON FIXED VOLUME MICROPIPETTES WITH TIP EJECTORS

- Separate push buttons for dispensing and tip ejection reduce dead volume and avoid accidental detipping
- Positive stops differentiate dispense movement from overshoot movement
- Color coded to ensure proper tip is used

Inherent Swiss precision is represented throughout the design of these attractive and comfortable-to-use instruments. Separate push buttons for dispensing and tip ejection can easily be manipulated with just the thumb. Total dead volume is decreased and accidental detipping is avoided. The narrow body of the micropipette affords easy access into narrow test tubes. Maximum accuracy is ensured through the calibrated plunger stroke and overshoot movement, which flush the tip empty. Positive stops differentiate the dispense movement from the overshoot movement. By featuring separate push buttons for volume delivery and tip ejection, the accuracy attained with Wheaton micropipettes surpasses that of common pipettes which combine the dispensing and tip ejection functions in one push button. Hand warming does not affect reproducibility, and air inlet and outlet design prevents cross contamination.

Each Wheaton micropipette has a color coded dispense button to ensure the proper tip is used.



Cat. #	Capacity ul Error %)	Accuracy (Absolute)	Reproducibility CV%	Tip Color Code	Case Pack	Case Price
10-420	5	±1.0	±0.7	Natural	1	\$165.36
10-421	10	±1.0	±0.5	Yellow	1	165.36
10-422	20	±1.0	±0.5	Yellow	1	165.36
10-423	25	±1.0	±0.5	Yellow	1	165.36
10-424	50	±1.0	±0.5	Yellow	1	165.36
10-425	100	±0.6	±0.3	Yellow	1	165.36
10-426	200	±0.6	±0.3	Blue	1	165.36
10-427	250	±0.6	±0.3	Blue	1	165.36
10-428	500	±0.5	±0.3	Blue	1	165.36
10-429	1000	±0.5	±0.2	Blue	1	165.36

WHEATON VARIABLE VOLUME MICROPIPETTES WITH TIP EJECTORS

- Precision micrometer volume setting
- Reproducibility not affected by hand warming
- Maximum flexibility with no loss of accuracy

Variable volume micropipettes differ from fixed volume micropipettes (see above) in that the volumes are adjustable by rotating the Swiss precision micrometer and reading the volume on the circular vernier.

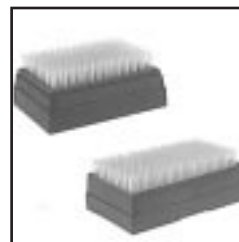
Cat. #	Capacity ul	Increments ml	Accuracy (Absolute Error %)	Reproducibility CV% (ml)	Tip Color Code	Case Pack	Case Price
10-435	5-50	1	±1.0 ±1.0	±1.0@10 ±0.5@50	Yellow	1	\$184.71
10-436	50-200	1	±1.0 ±1.0	±0.5@50 ±0.6@200	Yellow	1	184.71
10-437	200-1000	10	±1.0 ±1.0	±0.6@200 ±0.5@1000	Blue	1	184.71



MICROPIPETTE TIPS WHEATON

Disposal virgin polypropylene tips for use with Wheaton micropipettes, both fixed and variable volume models. Precision made for excellent reproducibility and accuracy.

Catalog Number	Description	Tip Color	Case Pack	Case Price
10-440	Polypropylene tips in plastic bag of 1000 pieces	Yellow	1000	\$38.23
10-441	Polypropylene tips in convenient rack pack, 5 trays x200 tips per tray	Yellow	1000	61.33
10-442	Polypropylene tips in plastic bag of 1000 pieces	Blue	1000	38.23
10-443	Polypropylene tips in convenient rack pack, 5 trays x200 per tray	Blue	1000	73.92



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LIQUID HANDLING

WHEATON VARIABLE VOLUME MULTI-CHANNEL MICROPIPETTES

- Ideal for 96-well microassay plates
- Precision micrometer setting in 1 ul increments
- Simultaneous tip ejection

The multi-channel adjustable micropipette is ideally suited for use with standard 96-well microassay plates (9 mm spacing). The precision micrometer adjustment allows volume changes in increments of 1 ul. Hand warming is not a problem as the air chamber is located below the hand grip area. An overshoot movement flushes the tip empty and the micropipettes are equipped with a tip ejector which detaches all tips simultaneously. Each micropipette is individually calibrated and is supplied with a certificate of calibration.



Capacity ul	Accuracy (Absolute Error %)	Reproducibility CV% ul		
5-50	±2.0	±1.5 @ 5		
	±1.0	±1.0 @ 10		
	±0.8	±0.4 @ 50		
50-200	±1.0	±0.4 @ 50		
	±0.8	±0.3 @ 100		
	±0.7	±0.3 @ 200		
Catalog Number	Description	Case Pack	Case Price	
10-390	8 channel, 5-50 ul	1	\$485.00	
10-391	12 channel, 5-50 ul	1	558.00	
10-392	8 channel, 50-200 ul	1	485.00	
10-393	12 channel, 50-200 ul	1	558.00	
Replacement Nozzles				
Catalog Number	Description	Case Pack	Case Price	
10-394	Nozzle 5-50 ul	1	\$10.82	
10-395	Nozzle, 50-200 ul	1	9.86	

WHEATON CALIBRA® DIGITAL MULTI-CHANNEL MICROPIPETTES

- Exclusive solid CALIBRATION provides superior accuracy and reproducibility for multi-channel micropipetting
- Digital twin-cam volume selection eliminates setting deviation
- Original calibration guaranteed for two years

The superior accuracy and reproducibility provided by solid calibration is now available in the calibra multi-channel micropipette. These new multi-channel micropipettes offer reliable digital volume selection, integral tip ejector, and a full two-year warranty on parts and labor.



Capacity MI	Accuracy (Absolute Error %)	Reproducibility CV% MI		
10-100	±1.0	±1.0 @ 10		
	±0.8	±0.4 @ 50		
	±0.7	±0.4 @ 100		
20-200	±0.9	±0.6 @ 20		
	±0.8	±0.4 @ 100		
	±0.7	±0.3 @ 200		
Catalog Number	Description	Case Pack	Case Price	
10-400	4 channel, 10-100 MI	1	\$480.00	
10-401	8 channel, 10-100 MI	1	580.00	
10-402	12 channel, 10-100 MI	1	667.00	
10-403	4 channel, 20-200 MI	1	480.00	
10-404	8 channel, 20-200 MI	1	580.00	
10-405	12 channel, 20-200 MI	1	667.00	

WHEATON AUTOCLAVABLE VARIABLE VOLUME MULTI-CHANNEL MICROPIPETTES

- Can withstand repeated sterilization at 121°C fully assembled
- Precision micrometer volume selection in 1 ul increments
- Ideal for use in sterile applications

The new Wheaton autoclavable multi-channel adjustable micropipette is designed to withstand repeated sterilizations at 121° C fully assemble. It provides the same precision delivery features as the laboratory-proven variable volume multi-channel micropipette and when autoclaved can be used in a sterile environment without contamination.



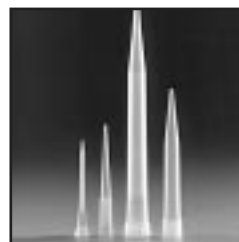
Capacity ul	Accuracy (Absolute Error %)	Reproducibility CV% ul		
5-50	±2.0	±1.5 @ 5		
	±1.0	±1.0 @ 10		
	±0.8	±0.4 @ 50		
20-200	±1.0	±0.4 @ 50		
	±0.8	±0.3 @ 100		
	±0.7	±0.3 @ 200		
Catalog Number	Description	Case Pack	Case Price	
10-410	4 channel, 5-50 ul	1	\$499.66	
10-411	4 channel, 50-200 ul	1	499.66	
10-412	8 channel, 5-50 ul	1	616.51	
10-413	12 channel, 5-50 ul	1	702.81	
10-414	8 channel, 50-200 ul	1	616.51	
10-415	12 channel, 50-200 ul	1	702.81	

SLS-LUX Scientific

LIQUID HANDLING

PRECISION MICROPIPETTE TIPS WHEATON

Catalog Number	Description	Tip Color	Case Pack	Case Price
10-360	Short microtip, for use with 10-450 10-451, 100 tips per rack, 10 racks per case	Natural	1000	\$ 62.50
10-361	Long microtip, for use with 10-450, 200 tips per rack, 4 racks per case	Natural	800	127.92
10-362	Long microtip with flat tip, for use with 10-450 for 0.2 mm sequencing gels, 200 tips per rack, 2 racks per case	Natural	192	84.57
10-363	Long microtip with flat tip, for use with 10-450 for 0.4 mm sequencing gels, 200 tips per rack, 4 racks per case	Natural	800	218.40
10-364	Polypropylene tips in plastic bag of 1000 pieces	Yellow	1000	38.23
10-365	Polypropylene tips in convenient rack pack, 5 trays x 200 tips per tray	Yellow	1000	61.33
10-366	Polypropylene tips in plastic bag of 1000s pieces	Blue	1000	38.23
10-367	Polypropylene tips in convenient rack pack, 5 trays x 200 tips per tray	Blue	1000	73.92
10-368	100 ml polypropylene tip with hydrophobic filter to prevent cross contamination, individually wrapped	Natural	1000	195.52
10-369	Same as 10-368 in convenient rack pack, 10 trays x 96 tips per tray	Natural	1000	153.92
10-370	1000- μ l polypropylene tip with hydrophobic filter to prevent cross contamination, individually wrapped	Natural	1000	236.08
10-371	Same as 10-370 in convenient rack pack, 10 trays x 100 tips per tray	Natural	1000	168.08



TIPS AND ACCESSORIES FOR WHEATON MULTI-CHANNEL MICROPIPETTES

Catalog Number	Description	Case Pack	Case Price
10-375	5-200 μ l virgin polypropylene tip, natural, free from trace metals, 8x12 row rack configuration, autoclavable polypropylene box, 96 tips per rack, 10 racks per case	960	\$ 65.97
10-376	Same as 10-375 except tips are sterile	960	73.54
10-377	5-200 μ l virgin polypropylene tip, natural bulk packed 1000 per case.	1000	37.48
10-378	Reagent reservoirs, 1-75 mL virgin polypropylene, allow maximum recovery of reagent being used, autoclavable	10	28.67
10-379	Same as 10-377 except tips are individually wrapped and sterile	10	44.97
10-380	100 μ l polypropylene tip with hydrophobic filter to prevent cross contamination, individually wrapped	1000	236.08
10-381	Same as 10-380 in convenient rack pack, 10 trays x 96 tips per tray	960	168.48
10-382	1000 μ l polypropylene tip with hydrophobic filter to prevent cross contamination, individually wrapped	1000	236.08
10-383	Same as 10-382 in convenient rack pack, 10 trays x 100 tips per tray	1000	168.48



EJECTOR HEADS

These new Ejector Heads allow the user to eject tips conveniently from Wheaton multi-channel pipettes. The Ejector Head offers easy attachment and removal.

Catalog Number	Description	Case Pack	Case Price
10-385	8 channel head	1	\$ 30.88
10-386	12 channel head	1	46.45

MULTI-CHANNEL MICROPIPETTE WORK STATION

The new Micropipette Work Station is convenient and easy to use. Constructed of durable plastic, the work station accommodates four Wheaton multi-channel micropipettes. Can be used as a benchtop unit or easily wall-mounted.

Catalog Number	Description	Case Pack	Case Price
10-387	Multi-channel micropipette work station	1	\$179.10

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LIQUID HANDLING

WHEATON CALIBRA® DIGITAL MICROPIPETTES

- Exclusive solid CALIBRAtion provides absolute accuracy and reproducibility
- Setting deviations eliminated
- Original calibration guaranteed for two years

When your work requires precise, highly reproducible pipetting for reagents, acids and serums, it is essential that the instrument you are using is reliable and accurate. The Wheaton Calibra meets this requirement by incorporating fixed factory-calibrated stops (solid calibration) for each volume increment.

Solid calibration is the most significant advance in micropipette design since the invention of the air interface. The unique, permanently calibrated series of fixed stops, each one corresponding to one volume setting, provides unsurpassed accuracy, speed and reliability. Setting deviations are eliminated and sample volumes as small as 0.4 ml can be reproducibly dispensed with a realistic CV.

A sleek design enables the slim shaft of the micropipette to fit in the narrowest vials; simple controls make it easy to handle. Dispensing is accomplished by a simple plunger stroke with a separate overshoot movement. All Wheaton Calibra micropipettes feature a cushioned thumb and finger rest for user comfort during prolonged pipetting operations.

The plunger assembly features a stainless steel and Teflon® construction for a high degree of chemical resistivity. The three smaller volume units feature nozzles precision machined from stainless steel which permits flaming of the nozzles in microbiologic applications.

This unique micropipette is also ideal for gel sequencing and other biotechnology uses.



Catalog Number	Capacity ul	Increments ul	Accuracy Absolute Error %	Reproducibility CV% (ul)	Color Coded Tips	Case Case	Case Price
10-450	0.4-2.0	0.1	±2.0	1.5 @ 2.0	Natural	1	\$231.40
10-451	1.0-10.95	0.05	±1.0	0.5 @ 10	Natural	1	231.40
10-452	2.0-20.9	0.1	±1.0	0.5 @ 20	Yellow	1	231.40
10-453	10-109.5	0.5	±0.8	0.2 @ 100	Yellow	1	223.89
10-454	20-209	1.0	±0.8	0.2 @ 100	Yellow	1	223.89
10-455	100-1095	5.0	±0.6	0.2 @ 1000	Blue	1	223.89

WHEATON CALIBRA® DIGITAL MACROPIPETTES

The innovative Calibra macropipette offers the digital accuracy of solid calibration, and is ruggedly designed for years of trouble-free, dependable operation. As with all Calibra pipettes, solid calibration is achieved through a twin cam volume setting system which consists of permanently calibrated fixed stops, each one corresponding to a single volume setting.

This versatile macropipette is available in a 0.2 - 2.0 mL model which allows precise volume adjustment in 0.01 mL increments and a 1.0 - 10.0 mL model which allows volume adjustment in 1.0 mL increments. The 2.0 mL model includes an adapter for use with popular Pasteur pipettes, while both models can be used with autoclavable Wheaton polypropylene macropipette tips (listed below).

An integral tip ejection system allows fast and safe macro tip removal, for simple one-handed operation. The Calibra macropipette is ergonomically designed and features lightweight, compact construction for user comfort during long pipetting sessions. The plunger assembly features a short travel stroke and reduced spring tension, which further decreases user fatigue. In addition, the plunger is constructed of stainless steel and Viton® to provide a high degree of chemical resistivity and reliability.

Optional paper filters (listed below) may be used in conjunction with polypropylene macro tips to guard against the possibility of cross contamination. This feature is particularly useful when pipetting biological materials, and other contaminants.



Capacity mL	Increments mL	Accuracy	Reproducibility
		Absolute Error %	CV% (ml)
0.2-2.0	0.01	±0.7	±0.5 @ 0.2
		±0.5	±0.2 @ 2
		±0.5	±0.3 @ 1
1-10	0.1	±0.5	±0.15 @ 10
		±0.5	

Catalog Number	Description	Case Pack	Case Price
10-460	Calibra macropipette, 0.2-2 mL	1	\$238.06
10-461	Calibra macropipette, 1-10 mL	1	238.06
10-462	Filter, 2 mL	250	64.05
10-463	Filter, 10mL	100	41.67
10-464	Macro tip, 2mL	500	64.57
10-465	Macro tip, 10mL	100	72.33

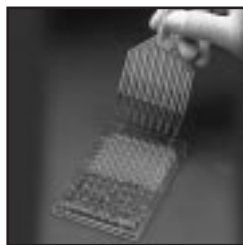
SILICONE SAFETY PIPET FILLERS WON'T LEAK OR CRACK



These Pipet Fillers provide safe, one-handed filling and dispensing without hand or mouth contact with liquid. The Fillers adjust to fit any size pipet, have a glass valve, and the silicone construction provides greater chemical resistance and resilience than rubber. Available in red and black for easy identification.

Catalog Number	Description	Price
10-250	Silicone Pipet Filler, Red	ea. \$14.50
10-251	Silicone Pipet Filler, Black	ea. 14.50

TRANSPETTE™ PLATE WASHING & PIPETTING DEVICE



Inexpensive, Disposable Multi-channel Pipettor...

Now you can perform plate washing, feeding and supernatant collection with the newest, most unique pipetting device you can put your hands on.

The Scienceware® Transpette™ is an inexpensive, disposable, 8-channel transfer pipettor which can deliver and remove liquids from your microtiter plates without the use of pipettors and pipet tips. Molded of translucent plastic, the Transpette™ pipetting device holds 600 ul per channel. To avoid radiation contamination of your liquid handling devices, discard the Transpette™ after "HOT" uses.

Non-Sterile

Catalog Number	Pkg	Price
10-255	25	\$25.75

Sterile (individually wrapped)

Catalog Number	Pk	Price
10-256	100	\$113.30

MICROPIPETTOR RACK



No more searching for a pipettor set down on a bench somewhere. Store them in a neat orderly fashion with the Micropipettor Rack. Now available in freestanding or wall mount models.

Racks 10-260 (freestanding) are designed to hold such popular models as the Finpipette®, Socorex®, Eppendorf® and others and have 10 positions arranged in two rows on different levels for easy selection. Two larger end holes will take the Drummond Pipette-Aid® filler. Top and bottom shelves with holes in each assure stable, vertical storage. Racks 10-262 (freestanding) and 10-263 (wall mount) have keyhole-shaped holes and no lower shelf, designed to hold the Gilson Pipetman®. All racks are constructed of epoxy-coated aluminum and measure 9 x 5 x 63/4".

10-260	Rack Freestanding	ea.	\$47.70
10-262	Rack Freestanding	ea.	40.29
10-263	Rack Wall Mount	ea.	32.19

REPEATABLE POSITIVE DISPLACEMENT PIPETTOR



Varipet® is the ideal pipettor for repetitive pipetting. It utilizes positive displacement, the most accurate method known for precision dispensing while offering safety and simplicity of operation.

Available in five different sizes, all units are completely adjustable up to their total capacity. Simply turn the knob to set the plunger to the volume required. Once set, the plunger will automatically return to the same setting, giving accurate, repetitive pipettings.

Teflon® plunger allows easy reading of the syringe barrel graduations and provides smooth self-lubricating, non-contaminating operation.

Varipet® is available in two models: with a molded Teflon tip or with a metal luer lock fitting supplied complete with removable cannula. Both units are autoclavable.

Teflon Tip

Catalog Number	Capacity	Sub Divisions	Price
10-271	1MI	0.01MI	\$107.15
10-272	4MI	0.05MI	94.80
10-273	10MI	0.2MI	90.65
10-274	30MI	1.0MI	169.95

Luer Lock

10-276	1MI	0.01MI	107.15
10-277	4MI	0.05MI	94.80
10-278	10MI	0.2MI	90.65
10-279	30MI	1.0MI	169.95

ECONOMICAL PIPETTING FOR MICRO AND ULTRA-MICRO VOLUMES



Accropet® pipettors provide fast and accurate one-handed operation for micro and ultra-micro volumes. Accropets accommodate standard micro pipets or capillary tubes, offering the flexibility to meet filling and discharge needs safely and economically. Accropets eliminate the hazard and risk of contamination of mouth pipetting, at minimal expense.

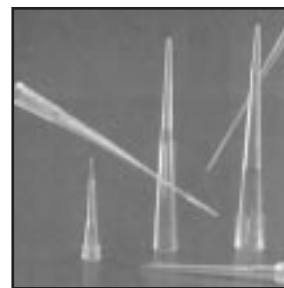
Simply insert a pipet, rotate the knurled knob at the top with thumb and forefinger in a clockwise direction to pick-up fluid and counter-clockwise to dispense. O-ring construction assures positive, leak-proof action to maintain accuracy; and the fine threaded action guarantees accurate pipetting.

Accropet is made of durable polypropylene which can withstand temperatures of up to 250°F.

Catalog Number	Description	Price
10-285	Ultra-micro Accropet® for all pipets up to and including 200 ul. With rubber membrane pipet holder to accommodate all types of pipets.	\$11.10
10-286	Micro Accropet® for all pipets up to 2MI including red and white blood cell pipets. Adjustable chuck holds pipets firmly in place and allows for rapid changes.	16.20

PIPET TIPS ELKAY®

- Made from chemically resistant, virgin polypropylene
- Clean hydrophobic surfaces
- Dust and particle free
- Consistent volume
- Uniform orifice geometry
- Pass stringent fit and function tests with the most widely used pipets on the market
- Irradiation sterilized in accordance with AAMI Guidelines



THE FOLLOWING OPTIONS ARE AVAILABLE ON SELECTED PIPET TIPS

Metal-Free Pipet Tips

Metal-Free Pipet Tips are made especially for trace metal analysis and other procedures that require metal-free consumables. They meet metal-free requirements as specified in the U.S. Pharmacopoeia Guidelines and are guaranteed in writing to ensure user satisfaction.

Certified Pyrogen-Free Pipet Tips

Pyrogen-Free Tips are individually wrapped, sterile and endotoxin-free. Each lot is tested thoroughly and certified in writing to be pyrogen-free.

Reference Pipet Tips

Reference Pipet Tips offer unique benefits: Reference lines which allow quick checks of pipetting procedures by indicating nominal liquid volume in the tip. Unique beveled orifices reduce liquid retention on the tips and ensure precise liquid delivery.

Certified RNase/DNase/Pyrogen-Free

Tight control of a highly automated melting process, plus sterilization by irradiation, enable Elkay Ultima Pipet Tips to pass even the most stringent test for pyrogens, DNase and RNase contaminants. These precision certified tips are guaranteed in writing to be within research specifications.

PIPET TIP PACKAGING OPTIONS

BULK (non-Sterile) - Tips are supplied 1000/polybag. (250/polybag for 1-5mL Macro tips.)

CONVE-RAK™ (Non-Sterile) - Five racks, of 200 tips each, nested together. Includes one set of reusable cover and base.

INDIVIDUALLY WRAPPED (Sterile) - In sealed, peel-apart packages, irradiated in accordance with AAMI Guidelines.

AUTOPACK™ (Sterile & Non-Sterile) - Five tip racks, each with cover and base, 200 tips/rack. (Four racks for 101-1000mL, 2 13/16" tips).

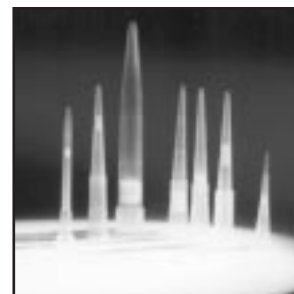
AUTOPACK™960 (Sterile & Non-Sterile) - Autoclavable, 96-position, 8x12 format tip rack on a solid, one-piece base. Hinged covers effectively protect tips from contamination.

AUTOPACK™1000 (Sterile & Non-Sterile) - Autoclavable, 100 position, 10x10 format tip rack for 101-1000mL tips, featuring a hinged cover and a solid one-piece base.

PROGARD™ FILTER PIPET TIPS ELKAY®

ProGard™ Filter Tips reduce the risk of sample carry-over, cross-contamination and improper results caused by contaminated pipettors.

- Hydrophobic, inert filter material prevents aerosols from entering the tip cone of air displacement pipettors.
- Ideal for handling radio-labeled or infectious materials.
- Available in numerous volume ranges.
- All ProGard Pipet Tips are pre-sterilized and autoclavable. Hinged-cover racks are also autoclavable.
- All ProGard Pipet Tips (except the 200-1000mL version) are presented in an 8x12 format, 96 tips/rack, ideal for use with multichannel or single channel pipettors.
- The blue 200-1000mL version is in a 10 x 10 format, 100 tips/rack.



ProGard Tip

Selection Guide	Cat. #	Volume	Description	Case Qty.	Price
AA	10-200	0.2-8ML	Ultra Micro Mini	96/Rackx10	\$72.00
AB	10-201	0.5-8ML	Ultra Micro Thin	96/Rackx10	72.00
AC	10-202	0.5-5ML	Reference 2" (51mm)	96/Rackx10	89.00
AD	10-203	1-20ML	Reference 2" (51mm)	96/Rackx10	89.00
AE	10-204	5-50ML	Reference 2" (51mm)	96/Rackx10	89.00
AF	10-205	1-150ML	Reference 2" (51mm)	96/Rackx10	89.00
AG	10-206	1-200ML	Reference 2" (51mm)	96/Rackx10	89.00
AH	10-207	200-1000ML	Blue, 2-13/16" (71mm)	100/Rackx10	95.00
AI	10-208	1-150ML	2-1/6" Natural (52mm)	96/Rackx10	95.00
AJ	10-209	1-250ML	2-1/16" Natural (52mm)	96/Rackx10	95.00

SLS-LUX Scientific

LIQUID HANDLING

Elkay®

Pipet Tip Selection Guide (p.1 of 2)

PIPETTOR	SIZE	Tip Selection																		
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	
Abbott®	1-200uL				●															
	600-1000uL												●							
Ames®	5-100uL							●												
	101-1000uL										●									
Assistant®	5-100uL							●												
Beckman® BUN/GLU	Universal									●										
Biohit Proline®	0.5-10uL		●																	
	5-50uL	●			●		●	●										●	●	
	50-200uL	●				●	●	●										●	●	
	200-1000uL										●	●	●							
	electronic 200-1000										●	●	●							
Brand®	5-100uL							●												
Brand® Transferpette	200-1000uL										●									
	1001-5000uL															●				
Brinkman Transferpette 8-channel	5-50uL	●						●												
Clay Adams Selectapette®	100-1000uL														●					
Costar Octapette®	25uL fixed	●				●	●													
	100uL fixed	●				●	●													
	200uL fixed	●				●	●													
Costar Onepette®	1-20uL	●				●	●	●										●	●	
	20-200uL	●				●	●	●										●	●	
	100-1000uL										●									
Eppendorf® Ultra-Micro	0.5-10uL			●															●	
Eppendorf®	20uL fixed	●						●										●	●	
	90uL fixed	●						●										●	●	
	500uL fixed										●									
Eppendorf® Reference	1000uL fixed										●									
	10-100uL	●					●	●										●	●	
	50-250uL	●					●	●			●							●	●	
	10-100uL	●					●	●			●							●	●	
Finnpipette®	5-200uL	●				●	●	●										●	●	
	0.5-10uL	●				●	●	●										●	●	
	5-40uL	●				●	●	●										●	●	
Finnpipette® Techpette	1000-5000uL															●	●			
	5-40uL	●					●	●										●	●	
	40-200uL	●					●	●										●	●	
Finnpipette®, 8-channel	50-300uL					●	●											●	●	
Finnpipette®, 12-channel	5-50uL	●					●	●										●	●	
Gilson/Rainin Pipetman®P10	0.5-10uL		●																	
	P20 1-20uL	●				●	●	●										●	●	
	P100 20-100uL	●					●	●										●	●	
	P1000 100-1000uL										●									
	P5000 1000-5000uL															●	●			

Pipet Tip Selection Guide (p.2 of 2)

PIPETTOR	SIZE	Tip Selection																		
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	
Gilson/Rainin EDP	100uL	●				●	●	●										●	●	
	EDP-2 1000uL										●	●	●							
Helena Quickpette®	10-200uL				●															
	501-1000uL												●							
MLA®	10-50uL	●			●	●	●	●												
	50-200uL	●			●	●	●	●												
	200uL	●			●	●	●	●										●	●	
	1000uL													●						
	200-1000uL													●						
MLA Macropipet	1-5uL																●			
Oxford® Benchmate	10-50uL	●				●	●	●										●	●	
	40-200uL	●				●	●	●										●	●	
	200-1000uL										●									
Oxford Benchmate 12-chan	40-200uL	●				●	●	●			●									
Oxford Benchmate 8-chan	5-50uL	●				●	●	●												
Oxford Lancer®	10uL	●				●	●	●		●	●							●	●	
	100uL										●	●	●							
Oxford Precision Sampler	10uL	●	●	●	●	●	●	●	●											
	50uL	●			●	●	●	●	●									●	●	
	300uL					●	●		●											
	1000uL											●	●							
Oxford® Sampler P7000	25uL								●											
	P7000 50uL				●				●											
	P7000 200uL								●											
	P7000 1mL fixed									●	●	●								
Oxford® Slimline	1-200uL								●											
Oxford® Standard	10-200uL				●															
	501-1000uL											●								
	1001-5000uL																●			
Titertek Flow Lab 8-chan	50-200uL					●	●	●												
4-chan	5-50uL	●																		
Uniflex Mechatropet Duet	100-1000uL										●									
" Mechatropet Quartette	10-100uL	●				●	●	●										●	●	
Volac®	5-100uL							●												
	100-1000uL										●									
	200uL	●																		
	1001-5000uL																●			
Wheaton Calibra	10-100uL	●				●	●	●										●	●	
	20-200uL	●				●	●	●										●	●	
Wheaton Calibra, Mod. 822	100-1000uL										●									
Wheaton Socorex	10uL	●				●	●	●										●	●	
	50uL	●					●	●										●	●	
	500uL										●									
	50-200uL	●				●	●	●										●	●	
	200-1000uL										●									

SLS-LUX Scientific

LIQUID HANDLING

Pipet Tip Ordering Data

A

2" (51mm) Universal Multifit Reference, Natural

Volume: 2-200 μ L. For use with Biohit/Proline, Costar, Eppendorf, Finnpiquette, MLA, Oxford, Pipetman, Uniflex, Wheaton.

Catalog No.	Description	Case Qty.	Case Price
UNV-STND-000	Bulk, Non-Sterile	1000/Polybag	\$29.00
UNV-STND-096	Autopack 960, Non-Sterile	96/Rack x 10	41.00
UNV-STND-S96	Autopack 960, Presterile	96/Rack x 10	46.00
UNV-STND-201	Autopack , Non-Sterile	200/Rack x 5	41.00
RES-RREF-S96	Autopack 960, Presterile, RNase-free	96/Rack x 10	56.00

B

1 1/5" (30mm) Ultra Micro Mini, Natural

Volume: 0.5-10 μ L
For use with Biohit/ Proline, Oxford, Pipetman.

Catalog No.	Description	Case Qty.	Case Price
RES-UPIP-010	Bulk, Non-Sterile	1000/Polybag	\$28.00
RES-UPIP-096	Autopack 960, Non-Sterile	96/Rack x 10	35.00
RES-UPIP-S96	Autopack 960, Presterile	96/Rack x 10	38.00

C

1 4/5" (46 mm) Ultra Micro Thin, Natural
Volume: 0.5-10 μ L For use with Eppendorf Ultra Micro and Oxford Precision Sampler.

Catalog No.	Description	Case Qty.	Case Price
RES-OCRS-01B	Bulk, Non-Sterile	1000/Polybag	\$28.00
RES-OCRS-096	Autopack 960, Non-Sterile	96/Rack x 10	\$35.00
RES-OCRS-S96	Autopack 960, Presterile	96/Rack x 10	\$38.00

D

1 3/4" (44mm) Natural
Volume: 2-200 μ L
For use with Abbott, Biohit/Proline, Helena, MLA, Oxford.

Catalog No.	Description	Case Qty.	Case Price
000-0000-01C	Bulk, Non-Sterile	1000/Polybag	\$29.00
000-0000-014**	Conve-Rack, Non-Sterile	200/Rack x 5	\$34.00

E

1 7/8" (48mm) Natural
Volume: 2-200 μ L For use with Costar Octapette & Onepette, Finnpiquette, MLA, Oxford, Titertek, Uniflex, Wheaton.

Catalog No.	Description	Case Qty.	Case Price
000-0000-02B	Bulk, Non-Sterile	1000/Polybag	\$30.00
000-0000-020**	Conve-Rack, Non-Sterile	200/Rack x 5	36.00
000-AUTO-020	Autopack, Non-Sterile	200/Rack x 5	46.00
000-STER-020	Autopack, Sterile	200/Rack x 5	50.00
000-0020-096	Autopack 960, Non-Sterile	96/Rack x 10	46.00
000-0020-S96	Autopack 960, Presterile	96/Rack x 10	50.00
000-0000-M2B	Bulk, Metal Free	1000/Polybag	33.00
000-STER-02B	Individual Wrap, Sterile	200 Tips	21.50
000-PYRO-02B	Individual Wrap, Pyrogen Free	200 Tips	28.00

** non-autoclavable

Pipet Tip Ordering Data

F 2" (51mm) Lemon Reference Volume: 2-200 μ L For use with Biohit/Proline, Costar, Eppendorf, Finnpiquette, MLA, Oxford, Pipetman, Uniflex, Wheaton.			
Catalog No.	Description	Case Qty.	Case Price
000-PIPT-01B	Bulk, Non-Sterile	1000/Polybag	\$29.00
000-PIPT-017**	Conve-Rack, Non-Sterile	200/Rack x 5	37.00
000-PIPT-AUT*	Autopack, Non-Sterile	200/Rack x 5	N/A
000-PIPT-096	Autopack 960, Non-Sterile	96/Rack x 10	41.00
000-PIPT-S96	Autopack 960, Presterile	96/Rack x 10	46.00
000-PIPT-M1B	Bulk, Metal Free	1000/Polybag	29.00
000-PIPT-STR	Individual Wrap, Sterile	1000 Tips	73.00
000-PYRO-01B	Individual Wrap, Pyrogen Free	200 Tips	28.00

G 2" (51mm) Yellow Volume: 2-200 μ L For use with Biohit/Proline, Costar, Eppendorf, Finnpiquette, MLA, Oxford, Pipetman, Uniflex, Volac, Wheaton.			
Catalog No.	Description	Case Qty.	Case Price
000-0000-01B	Bulk, Non-Sterile	1000/Polybag	\$29.00
000-0000-017**	Conve-Rack, Non-Sterile	200/Rack x 5	37.00
000-0017-096	Autopack 960, Non-Sterile	96/Rack x 10	41.00
000-0017-S96	Autopack 960, Presterile	96/Rack x 10	46.00
000-STER-01B	Individual Wrap, Sterile	1000 Tips	73.00

H 2-19/32" (66mm) Natural Volume: 1-200 μ L For use with Oxford Lancer, Sampler and Slimline.			
Catalog No.	Description	Case Qty.	Case Price
000-0000-024	Bulk, Non-Sterile	1000/Polybag	\$32.50
000-0000-A24**	Conve-Rack, Non-Sterile	200/Rack x 5	37.00
000-STER-A24	Autopack, Sterile	200/Rack x 5	50.00

I 2-3/4" (70mm) Natural Volume: 10-500 μ L For use with Beckman, Oxford Lancer.			
Catalog No.	Description	Case Qty.	Case Price
000-0000-019	Bulk, Non-Sterile	1000/Polybag	\$34.00
000-BECK-019	Box Pack	500/Box	\$21.00

* not available
 ** non-autoclavable

Pipet Tip Ordering Data

J

2-13/16" (71mm) Blue

Volume: 101-1000 μ L For use with Ames, Biohit/Proline, Brand, Costar, Eppendorf, Oxford, Pipetman, Uniflex, Wheaton.

Catalog No.	Description	Case Qty.	Case Price
000-0000-018	Bulk, Non-Sterile	1000/Polybag	\$33.00
000-0000-A18**	Box, Non-Sterile	250/Box x 4	41.00
000-AUTO-A18	Autopack, Non-Sterile	200/Rack x 4	49.00
000-STER-A18	Autopack, Sterile	200/Rack x 4	77.00
000-AUT1-A18	Autopack 1000, Non-Sterile	100/Rack x 10	51.00
000-STE1-A18	Autopack 1000, Presterile	100/Rack x 10	54.00
000-STER-018	Individual Wrap, Sterile	1000 Tips	77.00
000-PYRO-18B	Individual Wrap, Pyrogen Free	200 Tips	35.00
RES-RSTE-A18	Autopack 1000, Presterile, RNase-free	96/Rack x 10	65.00

K

3" (76mm) Blue

**Volume: 101-1000 μ L
For use with Biohit/Proline, Gilson, Oxford.**

Catalog No.	Description	Case Qty.	Case Price
000-0000-025	Bulk, Non-Sterile	1000/Polybag	\$33.00
000-0000-A25	Box, Non-Sterile	250/Rack x 4	38.50
000-STER-025	Individual Wrap, Sterile	250 Tips	36.00

L

3" (76mm) Green

Volume: 201-1000 μ L For use with Abbott, Biohit/Proline, Gilson, Helena, Oxford.

Catalog No.	Description	Case Qty.	Case Price
000-0000-016	Bulk, Non-Sterile	1000/Polybag	\$34.00

M

3-3/8" (86mm) Natural

**Volume: 101-1000 μ L
For use with MLA.**

Catalog No.	Description	Case Qty.	Case Price
000-0000-02A	Bulk, Non-Sterile	1000/Polybag	\$36.00
000-0000-021	Conve-Rack, Non-Sterile	200/Rack x 5	46.00
000-STER-02A	Individual Wrap, Sterile	200 Tips	21.50
000-PYRO-02A	Individual Wrap, Pyrogen-Free	200 Tips	35.00

** non-autoclavable

Pipet Tip Ordering Data

N 4" (102mm) Natural. Volume: 100-1000µL For use with Clay Adams Selectapette.			
Catalog No.	Description	Case Qty.	Case Price
000-0000-023	Bulk, Non-Sterile	1000/Polybag	\$39.00
000-0000-A22**	Conve-Rack, Non-Sterile	250/Rack x 4	48.50

O 4-1/2" (114mm) Natural Volume: 1-5mL For use with Brand, Finnpiquette, Oxford, Pipetman, Volac.			
Catalog No.	Description	Case Qty.	Case Price
000-0000-026	Bulk, Non-Sterile	250/Polybag	\$18.00

P 4-1/2" (114mm) Natural Volume: 1-5mL For use with Finnpiquette, MLA, Pipetman.			
Catalog No.	Description	Case Qty.	Case Price
000-PIPT-026	Bulk, Non-Sterile	250/Polybag	\$18.00

Q 3-3/10" (84mm) Flat Gel Loading, Natural Volume: 1-200µL For use with Biohit/Proline, Costar, Eppendorf, Finnpiquette, MLA, Oxford, Pipetman, Uniflex, Wheaton.			
Catalog No.	Description	Case Qty.	Case Price
RES-OGEL-F01	Flat-Rack 200, Non-Sterile	200/Rack x 2	\$80.00

R 3-3/10" (84mm) Round Gel Loading, Natural Volume: 1-200µL For use with Biohit/Proline, Costar, Eppendorf, Finnpiquette, MLA, Oxford, Pipetman, Uniflex, Wheaton.			
Catalog No.	Description	Case Qty.	Case Price
RES-OGEL-R01	Round-Rack 200, Non-Sterile	200/Rack x 2	\$40.00

** non-autoclavable

SLS-LUX Scientific

LIQUID HANDLING

Elkay®

ProGard Tip Selection Guide

PIPETTOR	SIZE	AER-TIP Selection										
		AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	
Ames®	5-100uL			•								
	101-1000uL											
Assistant®	5-100uL			•								
Biohit & Proline®	0.5-10uL	•										
	5-50uL			•	•	•	•	•				
	50-200uL					•	•	•	•		•	
	200-1000uL									•		
Brand®	200-1000 electronic									•		
Brand® Transferpette	5-100uL			•								
	200-1000uL									•		
Costar Octapette®	25uL fixed						•	•				•
	100uL fixed							•				•
	200uL fixed							•				•
Costar Onepette®	1-20uL			•	•	•	•	•				•
	20-200uL				•	•	•	•	•			•
	100-1000uL								•			•
Eppendorf® Ultra-Micro	0.5-10uL		•									
Eppendorf®	20uL fixed				•	•	•	•				
	90uL fixed							•			•	
	500uL fixed									•		
	1000uL fixed									•		
	10-100uL					•	•	•			•	
EppendorfV Reference	50-250uL									•		
	10-100uL											
Finnpipette®	5-200uL			•	•	•	•	•				•
	0.5-10uL			•	•	•	•	•				•
Finnpipette® Techpette	5-40uL			•	•	•	•	•				•
	5-40uL			•	•	•	•	•				•
Finnpipette® 12-channel	40-200uL								•			•
	5-50uL			•	•	•	•	•			•	•
Gilson/Rainin Pipetman® P10	0.5-10uL	•										
	P20			•	•	•	•	•				
	P100				•	•	•	•				
	P200								•			
	P1000									•		
Gilson/Rainin EDP	10-100uL			•	•	•	•	•			•	
	EDP-2									•		
MLA®	10-50uL								•		•	•
	50-200uL							•			•	•
	200uL								•		•	•
Oxford Benchmate®	10-50uL				•	•	•	•			•	•
	40-200uL								•			•
Oxford Benchmate 12-chan.	40-200uL								•			
Oxford Lancer®	10uL				•	•	•	•				•
Oxford Precision Sampler	10uL				•	•	•	•				•
	50uL										•	
Titertek Flow Lab 4-chan	5-50uL				•	•	•	•			•	
Uniflex Mechatropet Duet	100-1000uL									•		
“ Mechatropet Quartette	10-100uL				•	•	•	•			•	
Volac®	5-100uL			•								
	100-1000uL									•		
	200uL									•		•
Wheaton Calibra	20-200uL, digital									•		•
	10-100uL				•	•	•	•			•	
Wheaton Socorex	20-200uL				•	•	•	•			•	
	10uL				•	•	•	•			•	
	50uL								•			
	500uL									•		
	50-200uL							•	•			•
	200-1000uL									•		

CHOOSE A FREE GIFT WITH

WITH ORDERS OF \$199 OR MORE, YOUR CHOICE OF ONE OF THE FOLLOWING GIFTS...

CLIP-ON BOOKLITE



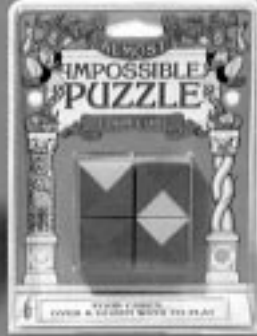
CATALOG NO. JC38

JUMBO MAGNIFIER



CATALOG NO. JC910

IMPOSSIBLE PUZZLE
FOUR CUBE



CATALOG NO. 5761

IZZI 2



CATALOG NO. 5682

WITH ORDERS OF \$299 OR MORE, YOUR CHOICE OF ONE OF THE FOLLOWING GIFTS...

MINI BOOM BOX



CATALOG NO. H2225

MICRO FM RADIO



CATALOG NO. FMR1

MINI ATTACHE CARD CASE



CATALOG NO. H6284

BLOCK BY BLOCK



CATALOG NO. 5930

WITH ORDERS OF \$399 OR MORE, YOUR CHOICE OF ONE OF THE FOLLOWING GIFTS...

DATA BANK



CATALOG NO. DB-130

SQUIGGLE LIGHT



CATALOG NO. TC-607

TRAVEL OFFICE



CATALOG NO. TO721

VISUAL BRAINSTORMS



CATALOG NO. 6550

YOUR SLS-LUX ORDER!

WITH ORDERS OF \$599 OR MORE, YOUR CHOICE OF ONE OF THE FOLLOWING GIFTS...

WORLD TIME CLOCK CALCULATOR



CATALOG NO. AC113

DUAL MESSAGE TALKING MEMO



CATALOG NO. UT8812

JUMBO LCD CLOCK RADIO



CATALOG NO. 7087

RUSH HOUR TRAFFIC JAM PUZZLE



CATALOG NO. 5000

WITH ORDERS OF \$799 OR MORE, YOUR CHOICE OF ONE OF THE FOLLOWING GIFTS...

MINI-VAC



CATALOG NO. VAC-1

TOWER RADIO



CATALOG NO. 7130

TRAVEL KIT



CATALOG NO. GS169A

DUAL TIME LCD CALENDAR



CATALOG NO. 7131

JC38 CLIP ON BOOKLITE: High intensity reading light illuminates the page without disturbing others. Clips on to book and has an adjustable arm with swivel shade for optimum lighting. Useful digital clock and portable fold up design. Uses 4 AA batteries (not incl.). 5" x 2 1/2" x 2" / 4 oz.

JG910 JUMBO MAGNIFIER: Retractable 2X lens covers a large reading area yet fits in your pocket or handbag. Built in 6X Power Lens for super magnification. Perfect for maps or fine print. 4 1/2" x 3 1/2" x 3/4" / 4 oz.

5761 IMPOSSIBLE PUZZLE, FOUR CUBE PUZZLE MATCH THE COLORS ON THE TOUCHING EDGES OF ALL CUBES TO SOLVE THIS PUZZLE. MORE THAN A DOZEN BEGINNER, INTERMEDIATE, AND EXPERT PUZZLE COMBINATIONS SHOW. SOLUTIONS ENCLOSED.

5682 IZZ12 TWELVE COLORED TILES BUILD MORE THAN 30 DAZZLING GEOMETRIC SHAPES - EACH ONE A PUZZLE TO SOLVE, YOU MUST MATCH RED TO RED, YELLOW TO YELLOW, GREEN TO GREEN, AND BLUE TO BLUE. BOOKLET SHOWS PUZZLES AND SOLUTIONS.

H2225 MINI BOOM BOX: Miniature Boom Box style AM/FM radio with dual speakers puts out amazing sound. Fold down carrying handle and telescopic antenna. Uses 4 AA batteries (not incl.). 7 1/2" x 3" x 2 1/2" / 12 oz.

FMR1 MICRO FM RADIO: High Tech micro wonder with earphones puts out incredible sound. Employs the latest push button scan tuning technology (seeks the next station) found in state of the art car/home audio to deliver crisp clear reception. Light as a feather for use while working, jogging, biking or working out. Long life lithium battery included. 1 1/2" x 1" x 1/4" / 1 oz.

H6284 MINI ATTACHE CARD CASE with incredibly detailed and fully operational metal latches and hinges stores calculator and business/credit cards. Remove calculator to increase card capacity. Velvet lined interior and vinyl exterior keeps cards crisp and organized. 4" x 2 1/2" x 3/4" / 4 oz.

5930 BLOCK BY BLOCK BLOCK BY BLOCK HELPS DEVELOP SPATIAL THINKING BY PICTURING THREE DIMENSIONS IN THE MIND'S EYE. COMBINE THE SEVEN PIECES TO MATCH THE PUZZLE SHAPES SHOWN ON EACH CARD-60 PUZZLES TO PLAY ON 60 DIFFERENT CARDS. FLIP THE CARDS OVER TO FIND THE INNOVATIVE "HINTS TO SOLUTIONS" TWO STEP ANSWERS THAT HELP YOU LEARN TOWARD YOUR SOLUTION.

TC-607 SQUIGGLE LIGHT FLASHLIGHT: Wrap the long flexible neck around plumbing pipes, ladders or any object for hands-free illumination as you work. Small enough to fit tool box or glove compartment. 3/4" Diam. x 36" L / 5 oz.

DB-130 DATA BANK keeps Names and Telephone Numbers, Schedules and Memos. Built in Dual Time Alarm Clock, with Currency and Metric Conversion. Tax, Tip and Mark Up calculator is perfect for travel. Easy instructions inside cover. 1.3Kb memory. Lithium battery included. 4 1/2" x 3" x 1/2" / 3 oz.

T0721 TRAVEL OFFICE: Portable stationery set has all the office tools for the mobile Executive in a zippered soft leather-look portfolio. Set includes scissors, stapler, staple remover, ruler, note pad, pen, Hi-lighter, eraser, measuring tape, paper clips and rubber bands. 8 1/2" x 6" x 1" / 12 oz.

6560 VISUAL BRAINSTORMS ONE HUNDRED OF THE WORLD'S BEST SCIENCE, PERCEPTION, AND LATERAL THINKING BRAINTEASERS, RANGING IN DIFFICULTY FROM CREAMPUFF TO KILLER. PUZZLERS ARE POSED IN WACKY CARTOON ILLUSTRATIONS; TEAMS OR SINGLE PLAYERS MATCH WITS. SOLUTIONS ARE ON THE BACK OF EACH CARD.

AC113 WORLD TIME CLOCK CALCULATOR tracks time in 12 International Time Zones. Use the LCD analog clock for home time and the digital clock for World Time. Alarm can be set for any city, no need to reset alarm at destination. Retractable stand for Clock. Useful World Map reference guide. Closes up for travel with window for analog clock. Includes 2 button cells. 3 1/2" x 2 1/2" x 1/2" / 3 oz.

7087 JUMBO LCD CLOCK RADIO has tilt angle clock display and incredible AM/FM sound. Wake to radio or alarm. Uses 3 AA batteries (not incl.). 6 1/4" x 3" x 1 1/4" / 10 oz.

5000 RUSH HOUR THIS SLIDING BLOCK PUZZLE MAKES BUMPER-TO-BUMPER FRUSTRATION A PLEASURE. RUSH HOUR IS DESIGNED TO CHALLENGE SEQUENTIAL THINKING SKILLS. GAME INCLUDES 40 PUZZLE CHALLENGE CARDS WITH FOUR LEVELS OF PLAY.

7130 TOWER RADIO: Handsome desktop clock radio has flare out speaker design for expansive sound. Digital alarm clock can be set to radio or buzzer. Uses 4 AA batteries (not incl.). 4" x 6" x 4" / 1 lb.

GS169A MEN'S TRAVEL KIT: Handsome leather case holds all his personal travel essentials. Kit includes 2-sided magnifying mirror, toothbrush, corkscrew/bottle opener, nail clippers, shoe horn and shaving razor. 4 1/2" x 7" x 1 1/4" / 14 oz.

71311 DUAL TIME LCD CALENDAR: Useful Digital Clock displays Month-at-a-Glance Calendar, Month/Date and Temperature. Just tilt the display and the screen lights up. Also features a Dual Time clock, Timer and Alarm with Snooze. Clock cover converts to stand. Uses 2 AAA batteries (not incl.). 3 1/2" x 3 1/4" x 1" / 4 oz.

VAC-1 MINI-VAC MINI-VAC IS A REVOLUTIONARY TOOL DESIGNED TO REMOVE DUST PARTICLES AND DEBRIS. MINI-VAC IS IDEAL FOR CLEANING COMPUTERS, STEREO EQUIPMENT, PHOTOGRAPHY EQUIPMENT, VIDEO EQUIPMENT AND MORE.

1 - 8 0 0 - 2 2 0 - 7 5 7 4

www.sls-lux.com

BOTTLES AND JARS

BOTTLES/JARS WITH POLYETHYLENE CONE CAP



BOSTON ROUND BOTTLES CLEAR & AMBER

Catalog Number	Size	Color	Case Pack	Case Price
13-100	1 oz.	Clear	24	\$15.76
13-100A	1 oz.	Amber	24	15.76
13--101	2 oz.	Clear	24	16.92
13-101A	2 oz.	Amber	24	16.92
13-102	4 oz.	Clear	24	18.86
13-102A	4 oz.	Amber	24	18.86
13-103	8 oz.	Clear	12	9.75
13-103A	8 oz.	Amber	12	9.75
13-104	16 oz.	Clear	12	12.48
13-104A	16 oz.	Amber	12	12.48
13-105	32 oz.	Clear	12	17.04
13-105A	32 oz.	Amber	12	17.04
13-106	80 oz.	Clear	6	21.32
13-106A	80 oz.	Amber	6	21.32
13-107	128 oz.	Clear	4	16.15
13-107A	128 oz.	Amber	4	16.15

AMBER GLASS WIDE MOUTH PACKER

Catalog Number	Size	Case Pack	Case Price
13-110	30cc	24	\$16.27
13-111	60cc	24	18.46
13-112	120cc	24	16.10

CLEAR TALL WIDE MOUTH

Catalog Number	Size	Case Pack	Case Price
13-115	1 oz.	24	\$21.16
15-116	2 oz.	24	25.48

CLEAR POLYSTYRENE THREADED VIAL ASSEMBLED WITH FOAM LINED CAP



Catalog Number	Capacity oz.	Case Pack	Case Price
13-120	1.5 dram	24	\$ 5.80
13-121	2.25 dram	24	6.30
13-122	3.5 dram	24	6.80
13-123	7 dram	24	7.14
13-124	1.5 oz.	24	7.50
13-125	2 oz.	24	7.88
13-126	5.25 oz.	24	18.14
13-127	6.5 oz.	24	19.90

HIGH DENSITY POLYETHYLENE



WIDE MOUTH OBLONG ASSEMBLED WITH FOAM LINED CAPS

WITH CAPS

Catalog Number	Capacity ml	oz	Cap Size	Case Pack	Case Price
13-130	1	30	28/400	24	\$ 9.84
13-131	2	60	33/400	24	11.28
13-132	4	120	38/400	24	13.68
13-133	8	250	43/400	24	21.12
13-134	16	500	53/400	12	15.48
13-135	32	1000	53/400	12	17.80

WITHOUT CAPS

Catalog Number	Capacity ml	oz	Cap Size	Case Pack	Case Price
13-137	1	30	28/400	24	\$ 9.12
13-138	2	60	33/400	24	10.32
13-139	4	120	38/400	24	12.48
13-140	8	250	43/400	24	19.44
13-141	16	500	53/400	12	14.64
13-142	32	1000	53/400	12	16.84

HIGH DENSITY POLYETHYLENE



WIDE MOUTH SQUARE

ASSEMBLED WITH FOAM LINED CAPS

Catalog Number	Capacity ml	oz	Cap Size	Case Pack	Case Price
13-150	1	30	28/400	24	\$ 9.84
13-151	2	60	33/400	24	11.28
13-152	4	120	38/400	24	13.68
13-153	8	250	43/400	24	21.12
13-154	16	500	53/400	12	15.48
13-155	32	1000	53/400	12	17.80

WITHOUT CAPS

Catalog Number	Capacity ml	oz	Cap Size	Case Pack	Case Price
13-156	1	30	28/400	24	\$ 9.12
13-157	2	60	33/400	24	10.32
13-158	4	120	38/400	24	12.48
13-159	8	250	43/400	24	19.44
13-160	16	500	53/400	12	14.64
13-161	32	1000	53/400	12	16.84

SLS-LUX Scientific

BOTTLES AND JARS

WIDE MOUTH STRAIGHT SIDED PLASTIC JARS.

WITH POLYETHYLENE FOAM LINED CAPS ATTACHED



POLYPROPYLENE JARS

Catalog Number	Capacity oz	Capacity ml	Dia & Hgt Inches	Screw Cap Size	Case Pack	Case Price
13-167	30	1	1.66 x 1.6	43/400	24	\$ 5.47
13-168	60	2	2.08 x 1.80	53/500	24	6.38
13-169	120	4	2.24 x 2.68	58/400	24	9.80
13-170	250	8	2.75 x 3.49	70/400	24	13.00
13-171	500	16	3.54 x 3.85	89/400	12	9.58
13-172	1000	32	4.47 x 3.84	120/400	12	23.26

WITHOUT CAPS

Catalog Number	Capacity oz	Capacity ml	Dia & Hgt Inches	Screw Cap Size	Case Pack	Case Price
13-175	30	1	1.66 x 1.6	43/400	24	\$ 4.06
13-176	60	2	2.08 x 1.80	53/500	24	4.78
13-177	120	4	2.24 x 2.68	58/400	24	7.41
13-178	250	8	2.75 x 3.49	70/400	24	10.05
13-179	500	16	3.54 x 3.85	89/400	12	7.30
13-180	1000	32	4.47 x 3.84	120/400	12	19.15

POLYSTYRENE JARS

Catalog Number	Capacity oz	Capacity ml	Dia & Hgt Inches	Screw Cap Size	Case Pack	Case Price
13-185	30	1	1.66 x 1.6	43/400	24	\$ 5.76
13-186	60	2	2.08 x 1.80	53/500	24	6.72
13-187	120	4	2.24 x 2.68	58/400	24	10.32
13-188	250	8	2.75 x 3.49	70/400	24	13.68
13-189	500	16	3.54 x 3.85	89/400	12	10.08
13-190	1000	32	4.47 x 3.84	120/400	12	24.48

WITHOUT CAPS

Catalog Number	Capacity oz	Capacity ml	Dia & Hgt Inches	Screw Cap Size	Case Pack	Case Price
13-195	30	1	1.66 x 1.6	43/400	24	\$ 4.28
13-196	60	2	2.08 x 1.80	53/500	24	5.04
13-197	120	4	2.24 x 2.68	58/400	24	7.80
13-198	250	8	2.75 x 3.49	70/400	24	10.58
13-199	500	16	3.54 x 3.85	89/400	12	7.68
13-200	1000	32	4.47 x 3.84	120/400	12	20.16

HDPE BOSTON ROUND BOTTLES WITH BUTTRESS CAP



Catalog Number	Capacity oz.	Cap Size	Case Quantity	Case Price
13-225	8	38	12	\$25.90
13-226	16	38	12	28.80
13-227	32	38	12	37.55

HIGH DENSITY POLYETHYLENE

WIDE MOUTH ROUND PACKER TYPE



ASSEMBLED WITH FOAM LINED CAPS

Catalog Number	Capacity oz	Capacity ml	Cap Size	Case Pack	Case Price
13-205	30	1	28/400	24	\$ 5.90
13-206	60	2	33/400	24	6.30
13-207	120	4	53/400	24	7.88
13-208	250	8	53/400	24	9.42
13-209	500	16	53/400	12	7.39
13-210	1000	32	53/400	12	10.16
13-211	1500	48	70/400	6	9.54

WITHOUT CAPS

Catalog Number	Capacity oz	Capacity ml	Cap Size	Case Pack	Case Price
13-215	30	1	28/400	24	\$5.42
13-216	60	2	33/400	24	5.82
13-217	120	4	53/400	24	7.16
13-218	250	8	53/400	24	8.70
13-219	50	16	53/400	12	7.03
13-220	1000	32	53/400	12	9.80
13-221	1500	48	70/400	6	9.80

ROUND HIGH DENSITY POLYETHYLENE (HDPE) SAMPLE BOTTLE

With Vinylite Lined Screw Cap



Catalog Number	Size	Dia & Hgt mm	Screw Cap Size	Case Pack	Case Price
13-230	1 gallon	153 x 305	38-400	4	\$19.06

SQUARE HIGH DENSITY POLYETHYLENE (HDPE) BOTTLE

With Vinylite Lined Cap



Catalog Number	Size mL	Cross Sect x Hgt mm	Screw Cap Size	Case Pack	Case Price
13-235	4000	135 x 295	38-400	4	\$19.06

HIGH DENSITY POLYETHYLENE

NARROW MOUTH BOSTON ROUND



ASSEMBLED WITH FOAM LINED CAPS

Catalog Number	Capacity oz	Capacity ml	Cap Size	Case Pack	Case Price
13-240	1	30	18/410	24	\$10.56
13-241	2	60	20/410	24	11.04
13-242	4	120	24/410	24	12.00
13-243	8	250	24/410	24	13.68
13-244	16	500	28/410	24	17.52
13-245	32	1000	28/410	12	11.04

LOW DENSITY POLYETHYLENE

Catalog Number	Capacity oz	Capacity ml	Cap Size	Case Pack	Case Price
13-250	1	30	18/410	24	\$ 8.64
13-251	2	60	20/410	24	10.32
13-252	4	120	24/410	24	11.04
13-253	8	250	24/410	24	20.40
13-254	16	500	28/410	24	27.36
13-255	32	1000	28/410	12	23.04

LOW DENSITY POLYETHYLENE WITHOUT CAPS

Catalog Number	Capacity oz	Capacity ml	Cap Size	Case Pack	Case Price
13-260	1	30	18/410	24	\$ 7.92
13-261	2	60	20/410	24	9.36
13-262	4	120	24/410	24	10.08
13-263	8	250	24/410	24	19.20
13-264	16	500	28/410	24	24.48
13-265	32	1000	28/410	12	20.74

HIGH DENSITY POLYETHYLENE WITHOUT CAPS

Catalog Number	Capacity oz	Capacity ml	Cap Size	Case Pack	Case Price
13-270	1	30	18/410	24	\$ 9.60
13-271	2	60	20/410	24	10.32
13-272	4	120	24/410	24	11.04
13-273	8	250	24/410	24	12.72
13-274	16	500	28/410	24	16.56
13-275	32	1000	28/410	12	10.44

LOW DENSITY POLYETHYLENE CUBITAINER®

ASSEMBLED WITH FOAM LINED CAPS
Includes Heavy-Duty Shipping Box.



Catalog Number	Capacity	Cap Size	Case Pack	Case Price
13-280	1 Gallon	38/400	1	\$ 5.92
13-281	2.5 Gallon	38/400	1	9.76
13-282	5 Gallon	38/400	1	12.72

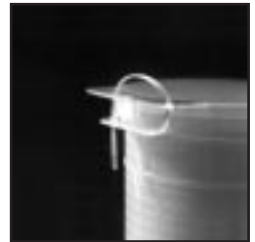
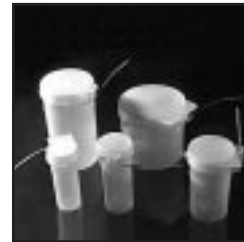
LEAK-PROOF STERILE CONTAINERS



These containers have a patented flip top design that is integrally hinged providing an airtight, leak-proof seal. Containers are manufactured from polypropylene and are sterile by process. Autoclavable. Available with standard tops, custody tops and lock down tops.

STANDARD TOP

Catalog Number	Capacity	Quantity Per Case	Case Price
13-285	2 oz	600	\$64.80
13-286	2.5 oz	400	60.00
13-287	3 oz	400	44.70
13-288	4 oz High Profile	250	51.95
13-289	8 oz Low Profile	250	55.70
13-290	8 oz	150	45.58
13-291	9 oz	125	37.50
13-292	13 ml vial	500	74.63
13-293	11 ml vial	500	70.87



CUSTODY TOP

Catalog Number	Capacity	Quantity Per Case	Case Price
13-295	2 oz	600	\$54.00
13-296	3 oz	400	44.70
13-297	4 oz High Profile	250	56.25
13-298	5 oz Low Profile	175	52.50
13-299	10 oz High Profile	100	37.50
13-300	10 oz Low Profile	90	33.75



LOCK DOWN TOPS

Catalog Number	Capacity	Quantity Per Case	Case Price
13-305	2 oz	600	\$64.80
13-306	4 oz High Profile	250	51.94
13-307	4 oz Low Profile	250	55.70
13-308	8 oz Low Profile	140	42.52
13-309	10 oz High Profile	100	37.50
13-310	13 ml vial	500	74.62

SLS-LUX Scientific

SAFETY COATED BOTTLES

Bottles are coated with an impact resistant thermoplastic. Safety coating provides a new, added level of safety and convenience. In the event the container breaks, the coating safety contains the contents long enough for proper disposal. The coating strength, slip resistance, and impact absorption dramatically reduced potential breakage and increases manual handling stability.



BOSTON ROUND BOTTLES CLEAR AND AMBER WITH CAPS ATTACHED

WHITE POLYPROPYLENE CAP WITH POLYVINYL LINER

Product Number Clear	Product Number Amber	Capacity		Screw Cap Size	Case Pack	Case Price
		oz	ml			
13-315	13-315A	4	125	22-400	24	\$35.84
13-316	13-316A	8	250	24-400	12	20.37
13-317	13-317A	16	500	28-400	12	23.90
13-318	13-318A	32	1000	33-400	12	37.24
13-319	13-319A	80	2360	38-439	6	37.24
13-320	13-320A	128	4000	38-439	4	45.08

WHITE POLYPROPYLENE CAP WITH FOAMED POLYETHYLENE LINER

Product Number Clear	Product Number Amber	Capacity		Screw Cap Size	Case Pack	Case Price
		oz	ml			
13-325	13-325A	4	125	22-400	24	\$35.12
13-326	13-326A	8	250	24-400	12	\$19.96
13-327	13-327A	16	500	28-400	12	\$23.42
13-328	13-328A	32	1000	33-400	12	\$36.50
13-329	13-329A	80	2360	38-439	6	\$36.50
13-330	13-330A	128	4000	38-439	4	\$44.18

WHITE POLYPROPYLENE CAP WITH TEFLON® LINER

Product Number Clear	Product Number Amber	Capacity		Screw Cap Size	Case Pack	Case Price
		oz	ml			
13-335	13-335A	4	125	22-400	24	\$37.73
13-336	13-336A	8	250	24-400	12	\$21.00
13-337	13-337A	16	500	28-400	12	\$24.64
13-338	13-338A	32	1000	33-400	12	\$38.40
13-339	13-339A	80	2360	38-439	6	\$38.40
13-340	13-340A	128	4000	38-439	4	\$46.88

METAL FOIL LINED CAPS

Product Number Clear	Product Number Amber	Capacity		Screw Cap Size	Case Pack	Case Price
		oz	ml			
13-345	13-345A	4	125	22-400	24	\$35.12
13-346	13-346A	8	250	24-400	12	\$19.96
13-347	13-347A	16	500	28-400	12	\$23.42
13-348	13-348A	32	1000	33-400	12	\$36.50
13-349	13-349A	80	2360	38-439	6	\$36.50
13-350	13-350A	128	4000	38-439	4	\$44.18

WITHOUT CAPS

Product Number Clear	Product Number Amber	Capacity		Screw Cap Size	Case Pack	Case Price
		oz	ml			
13-355	13-355A	4	125	22-400	24	\$33.36
13-356	13-356A	8	250	24-400	12	\$18.96
13-357	13-357A	16	500	28-400	12	\$22.25
13-358	13-358A	32	1000	33-400	12	\$34.68
13-359	13-359A	80	2360	38-439	6	\$34.68
13-360	13-360A	128	4000	38-439	4	\$41.97

BOTTLES AND JARS

AMBER GLASS WIDE MOUTH PACKERS WITH CAPS ATTACHED



WHITE POLYPROPYLENE CAP WITH POLY-VINYL LINER

Product Number	Capacity		Dia & Hgt	Screw Cap Size	Case Pack	Case Price
	oz	ml	mm			
13-365	1	30	37 x 65	28-400	24	\$ 9.95
13-366	2	60	44 x 75	33-400	24	10.15
13-367	4	125	54 x 95	38-400	24	12.03
13-368	8	250	66 x 119	45-400	24	14.76
13-369	16	500	80 x 146	53-400	12	10.77
13-370	32	1000	99 x 178	53-400	12	14.00

WHITE POLYPROPYLENE CAP WITH FOAMED POLYETHYLENE LINER

Product Number	Capacity		Dia & Hgt	Screw Cap Size	Case Pack	Case Price
	oz	ml	mm			
13-375	1	30	37 x 65	28-400	24	\$ 9.45
13-376	2	60	44 x 75	33-400	24	9.64
13-377	4	125	54 x 95	38-400	24	11.42
13-378	8	250	66 x 119	45-400	24	14.00
13-379	16	500	80 x 146	53-400	12	10.23
13-380	32	1000	99 x 178	53-400	12	13.30

WHITE POLYPROPYLENE CAP WITH TEFLON® LINER

Product Number	Capacity		Dia & Hgt	Screw Cap Size	Case Pack	Case Price
	oz	ml	mm			
13-385	1	30	37 x 65	28-400	24	\$10.47
13-386	2	60	44 x 75	33-400	24	10.68
13-387	4	125	54 x 95	38-400	24	12.67
13-388	8	250	66 x 119	45-400	24	15.54
13-389	16	500	80 x 146	53-400	12	11.34
13-390	32	1000	99 x 178	53-400	12	14.76

WITHOUT CAPS

Product Number	Capacity		Dia & Hgt	Screw Cap Size	Case Pack	Case Price
	oz	ml	mm			
13-395	1	30	37 x 65	28-400	24	\$ 8.97
13-396	2	60	44 x 75	33-400	24	9.16
13-397	4	125	54 x 95	38-400	24	10.85
13-398	8	250	66 x 119	45-400	24	13.30
13-399	16	500	80 x 146	53-400	12	9.72
13-400	32	1000	99 x 178	53-400	12	12.64

BOTTLES AND JARS

CLEAR FRENCH SQUARE GLASS JARS WITH CAPS ATTACHED



WHITE POLYPROPYLENE CAP WITH POLY-VINYL LINER

Product Number	Capacity	Dia & Hgt	Screw Cap Size	Case Pack	Case Price
	oz ml	mm			
13-440	4 125	45 x 111	33-400	24	\$40.15
13-441	8 250	56 x 137	43-400	24	53.51
13-442	16 500	68 x 167	48-400	24	67.50

WHITE POLYPROPYLENE CAP WITH FOAMED POLYETHYLENE LINER

Product Number	Capacity	Dia & Hgt	Screw Cap Size	Case Pack	Case Price
	oz ml	mm			
13-445	4 125	45 x 111	33-400	24	\$36.38
13-446	8 250	56 x 137	43-400	24	48.42
13-447	16 500	68 x 167	48-400	24	61.10

WHITE POLYPROPYLENE CAP WITH TEFLON® LINER

Product Number	Capacity	Dia & Hgt	Screw Cap Size	Case Pack	Case Price
	oz ml	mm			
13-450	4 125	45 x 111	33-400	24	\$51.39
13-451	8 250	56 x 137	43-400	24	72.47
13-452	16 500	68 x 167	48-400	24	91.21

WITHOUT CAPS

Product Number	Capacity	Dia & Hgt	Screw Cap Size	Case Pack	Case Price
	oz ml	mm			
13-455	4 125	45 x 111	33-400	24	\$17.58
13-456	8 250	56 x 137	43-400	24	22.05
13-457	16 500	68 x 167	48-400	24	28.03

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BOTTLES AND JARS

SAFETY COATED BOTTLES



AMBER WIDE MOUTH PACKERS WITH CAPS ATTACHED

WHITE POLYPROPYLENE CAP WITH POLY VINYL LINER

Product Number	Capacity oz	Capacity ml	Screw Cap Size	Case Pack	Case Price
13-420	8	250	45-400	24	\$45.71
13-421	16	500	53-400	12	32.78
13-422	32	1000	53-400	12	39.75
13-423	80	2500	70-400	6	93.34

WHITE POLYPROPYLENE CAP WITH FOAMED POLYETHYLENE LINER

Product Number	Capacity oz	Capacity ml	Screw Cap Size	Case Pack	Case Price
13-424	8	250	45-400	24	\$43.42
13-425	16	500	53-400	12	31.15
13-426	32	1000	53-400	12	37.76
13-427	80	2500	70-400	6	91.47

WHITE POLYPROPYLENE CAP WITH TEFLON® LINER

Product Number	Capacity oz	Capacity ml	Screw Cap Size	Case Pack	Case Price
13-430	8	250	45-400	24	\$48.12
13-431	16	500	53-400	12	34.50
13-432	32	1000	53-400	12	41.85
13-433	80	2500	70-400	6	98.25

WITHOUT CAPS

Product Number	Capacity oz	Capacity ml	Screw Cap Size	Case Pack	Case Price
13-435	8	250	45-400	24	\$41.25
13-436	16	500	53-400	12	29.59
13-437	32	1000	53-400	12	35.87
13-438	80	2500	70-400	6	88.67

SAFETY COATED BOTTLES



CLEAR WIDE MOUTH BOTTLES WITH CAPS ATTACHED

WHITE POLYPROPYLENE CAP WITH POLYVINYL LINER

Product Number	Capacity oz	Capacity ml	Screw Cap Size	Case Pack	Case Price
13-401	8 (short)	250	70-400	24	\$53.30
13-402	16 (tall)	500	70-400	12	28.92
13-403	32 (tall)	1000	70-400	12	36.84

WHITE POLYPROPYLENE CAP WITH FOAMED POLYETHYLENE LINER

Product Number	Capacity oz	Capacity ml	Screw Cap Size	Case Pack	Case Price
13-405	8 (short)	250	70-400	24	\$51.70
13-406	16 (tall)	500	70-400	12	28.05
13-407	32 (tall)	1000	70-400	12	35.73

WHITE POLYPROPYLENE CAP WITH TEFLON® LINER

Product Number	Capacity oz	Capacity ml	Screw Cap Size	Case Pack	Case Price
13-410	8 (short)	250	70-400	24	\$56.10
13-411	16 (tall)	500	70-400	12	30.45
13-412	32 (tall)	1000	70-400	12	38.78

WITHOUT CAPS

Product Number	Capacity oz	Capacity ml	Screw Cap Size	Case Pack	Case Price
13-415	8 (short)	250	70-400	24	\$49.15
13-416	16 (tall)	500	70-400	12	26.65
13-417	32 (tall)	1000	70-400	12	33.94

SERUM BOTTLES

CLEAR GLASS



Catalog Number	Size ml	Mouth IDxOD mm	Dia x Hgt mm	Case Pack	Case Price
13-460	2	7 x 13	17.5 x 35	288	\$96.22
13-461	3.5	7 x 13	18 x 45	288	122.85
13-462	5	13 x 20	23 x 47	288	102.33
13-463	10	13 x 20	25 x 54	288	143.20
13-464	20	13 x 20	32 x 58	288	174.92
13-465	30	13 x 20	37 x 63	288	215.46
13-466	50	13 x 20	43 x 73	288	270.38
13-467	60	13 x 20	41 x 91	144	150.87
13-468	100	13 x 20	52 x 95	144	207.93
13-469	125	13 x 20	54 x 107	144	292.45

SERUM BOTTLES AMBER GLASS



Catalog Number	Size ml	Mouth IDxOD mm	Dia x Hgt mm	Case Pack	Case Price
13-475	5	13 x 20	23 x 47	816	\$521.53
13-476	10	13 x 20	25 x 54	720	510.05
13-477	20	13 x 20	32 x 58	576	462.30
13-478	30	13 x 20	37 x 63	380	373.15
13-479	50	13 x 20	43 x 73	288	360.63
13-480	100	13 x 20	52 x 95	144	268.92

BOTTLES AND JARS

CLEAR STRAIGHT SIDED GLASS JARS WITH CAPS ATTACHED



WHITE POLYPROPYLENE CAP WITH POLY-VINYL LINER

Product Number	Capacity oz	Capacity ml	Dia & Hgt mm	Screw Cap Size	Case Pack	Case Price
13-485	2	60	55 x 48	53-400	24	\$12.98
13-486	4	125	60 x 68	58-400	24	13.78
13-487	8	250	73 x 88	70-400	24	20.00
13-488	16	500	91 x 95	89-400	12	14.76
13-489	32	1000	95 x 170	89-400	12	17.90

WHITE POLYPROPYLENE CAP WITH FOAMED POLYETHYLENE LINER

Product Number	Capacity oz	Capacity ml	Dia & Hgt mm	Screw Cap Size	Case Pack	Case Price
13-495	2	60	55 x 48	53-400	24	\$12.33
13-496	4	125	60 x 68	58-400	24	13.09
13-497	8	250	73 x 88	70-400	24	19.00
13-498	16	500	91 x 95	89-400	12	14.02
13-499	32	1000	95 x 170	89-400	12	17.00

WHITE POLYPROPYLENE CAP WITH TEFLON® LINER

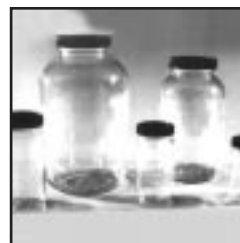
Product Number	Capacity oz	Capacity ml	Dia & Hgt mm	Screw Cap Size	Case Pack	Case Price
13-505	2	60	55 x 48	53-400	24	\$13.66
13-506	4	125	60 x 68	58-400	24	14.50
13-507	8	250	73 x 88	70-400	24	21.07
13-508	16	500	91 x 95	89-400	12	15.54
13-509	32	1000	95 x 170	89-400	12	18.84

WITHOUT CAPS

Product Number	Capacity oz	Capacity ml	Dia & Hgt mm	Screw Cap Size	Case Pack	Case Price
13-515	2	60	55 x 48	53-400	24	\$11.71
13-516	4	125	60 x 68	58-400	24	12.43
13-517	8	250	73 x 88	70-400	24	18.05
13-518	16	500	91 x 95	89-400	12	13.32
13-519	32	1000	95 x 170	89-400	12	16.15

BOTTLES AND JARS

CLEAR TALL STRAIGHT SIDED JARS WITH CAPS ATTACHED



WHITE POLYPROPYLENE CAP WITH POLYVINYL LINER

Product Number	Capacity oz	Capacity ml	Dia & Hgt mm	Screw Cap Size	Case Pack	Case Price
13-525	1	30	34 x 68	33-400	24	\$11.27
13-526	2	60	42 x 83	38-400	24	12.52
13-527	4	125	51 x 102	48-400	24	13.90
13-528	8	250	62 x 127	58-400	12	9.64
13-529	16	500	76 x 145	70-400	12	12.58

WHITE POLYPROPYLENE CAP WITH FOAM POLYETHYLENE LINER

Product Number	Capacity oz	Capacity ml	Dia & Hgt mm	Screw Cap Size	Case Pack	Case Price
13-535	1	30	34 x 68	33-400	24	\$10.70
13-536	2	60	42 x 83	38-400	24	11.89
13-537	4	125	51 x 102	48-400	24	13.20
13-538	8	250	62 x 127	58-400	12	9.16
13-539	16	500	76 x 145	70-400	12	11.95

WHITE POLYPROPYLENE CAP WITH TEFLON® LINER

Product Number	Capacity oz	Capacity ml	Dia & Hgt mm	Screw Cap Size	Case Pack	Case Price
13-545	1	30	34 x 68	33-400	24	\$11.86
13-546	2	60	42 x 83	38-400	24	13.18
13-547	4	125	51 x 102	48-400	24	14.64
13-548	8	250	62 x 127	58-400	12	10.15
13-549	16	500	76 x 145	70-400	12	13.24

WITHOUT CAPS

Product Number	Capacity oz	Capacity ml	Dia & Hgt mm	Screw Cap Size	Case Pack	Case Price
13-555	1	30	34 x 68	33-400	24	\$10.16
13-556	2	60	42 x 83	38-400	24	11.29
13-557	4	125	51 x 102	48-400	24	12.54
13-558	8	250	62 x 127	58-400	12	8.70
13-559	16	500	76 x 145	70-400	12	11.35

DROPPING BOTTLES

Delivers stains and indicator solutions drop by drop from a projecting drip tip on the side of the stopper. A partial turn of the ground glass stopper seals bottle.



CLEAR

Catalog Number	Size mL	Dia x Hgt mm	Shelf Pack	Case Pack	Case Price
13-566	50	45 x 95	12	24	\$173.02
13-567	100	56 x 120	12	24	194.04

AMBER

Catalog Number	Size mL	Dia x Hgt mm	Shelf Pack	Case Pack	Case Price
13-566A	50	45 x 95	12	24	\$199.26
13-567A	100	56 x 120	12	24	207.22

BARNES DROPPING BOTTLE

The lower portion of the rubber bulb forms a tightly fitting stopper.



Catalog Number	Size mL	Cross Sect & Hgt mm	Case Pack	Case Price
13-570	30	35 x 103	36	\$59.37

BULBS & PIPETTES

Catalog Number	Description	Case Pack	Case Price
13-571	Bulb	100	\$56.85
13-572	Bulb & pipette	100	71.06

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BOTTLES AND JARS

BOTTLES AND JARS

BOSTON ROUND BOTTLES CLEAR AND AMBER WITH CAPS ATTACHED



WHITE POLYPROPYLENE CAP WITH POLYVINYL LINER

Product Number Clear	Product Number Amber	Capacity oz	Capacity ml	Dia x Hgt mm	Screw Cap Size	Case Pack	Case Price
13-575	13-575A	1	30	31 x 79	20-400	24	\$10.86
13-576	13-576A	2	60	39 x 94	20-400	24	11.97
13-577	13-577A	4	125	48 x 112	22-400	24	13.30
13-578	13-578A	8	250	60 x 136	24-400	12	6.88
13-579	13-579A	16	500	75 x 168	28-400	12	9.10
13-580	13-580A	32	1000	94 x 206	33-400	12	12.50

WHITE POLYPROPYLENE CAP WITH FOAMED POLYETHYLENE LINER

Product Number Clear	Product Number Amber	Capacity oz	Capacity ml	Dia x Hgt mm	Screw Cap Size	Case Pack	Case Price
13-585	13-585A	1	30	31 x 79	20-400	24	\$10.32
13-586	13-586A	2	60	39 x 94	20-400	24	11.37
13-587	13-587A	4	125	48 x 112	22-400	24	12.64
13-588	13-588A	8	250	60 x 136	24-400	12	6.54
13-589	13-589A	16	500	75 x 168	28-400	12	8.64
13-590	13-590A	32	1000	94 x 206	33-400	12	11.88

WHITE POLYPROPYLENE CAP WITH TEFLON® LINER

Product Number Clear	Product Number Amber	Capacity oz	Capacity ml	Dia x Hgt mm	Screw Cap Size	Case Pack	Case Price
13-595	13-595A	1	30	31 x 79	20-400	24	\$11.44
13-596	13-596A	2	60	39 x 94	20-400	24	12.60
13-597	13-597A	4	125	48 x 112	22-400	24	14.00
13-598	13-598A	8	250	60 x 136	24-400	12	7.25
13-599	13-599A	16	500	75 x 168	28-400	12	9.58
13-600	13-600A	32	1000	94 x 206	33-400	12	13.16

WITHOUT CAPS

Product Number Clear	Product Number Amber	Capacity oz	Capacity ml	Dia x Hgt mm	Screw Cap Size	Case Pack	Case Price
13-605	13-605A	1	30	31 x 79	20-400	24	\$ 9.80
13-606	13-606A	2	60	39 x 94	20-400	24	10.80
13-607	13-607A	4	125	48 x 112	22-400	24	12.00
13-608	13-608A	8	250	60 x 136	24-400	12	6.21
13-609	13-609A	16	500	75 x 168	28-400	12	8.20
13-610	13-610A	32	1000	94 x 206	33-400	12	11.28

SQUARE BOTTLES, WIDE MOUTH, GRADUATED (HDPE)

Leakproof Space-Saving Heavy Duty

These unbreakable wide mouth square bottles are ideal for shipping and storing liquid and solid chemicals and pastes. Convenient square design saves space. Positive leakproof seal. Hole in closure for attachment of tag.



Catalog Number	Cap. ml	Neck I.D. mm	Width mm	Ht. w/ closure mm	No. per pkg.	Price per pkg.
13-615	25	19	30	56	10	\$ 8.55
13-616	50	23	34	75	10	9.50
13-617	100	35	42	95	10	13.72
13-618	250	35	55	115	10	15.74
13-619	500	50	67	145	6	12.57
13-620	1000	60	78	180	6	20.90
13-621	2000	60	93	215	6	39.80

BOTTLES AND JARS

CLEAR STANDARD WIDE MOUTH JARS WITH CAPS ATTACHED



WHITE POLYPROPYLENE CAP WITH POLY-VINYL LINER

Product Number	Capacity oz	Capacity ml	Dia & Hgt mm	Screw Cap Size	Case Pack	Case Price
13-690	4	125	52 x 84	48-400	24	\$ 8.44
13-691	8	250	63 x 110	58-400	24	8.88
13-692	16	500	79 x 133	63-400	12	8.16
13-693	32	1000	93 x 179	70-400	12	11.65
13-694	65	2000	122 x 213	83-400	6	14.30
13-695	130	4000	157 x 256	89-400	4	19.95

WHITE POLYPROPYLENE CAP WITH FOAMED POLYETHYLENE LINER

Product Number	Capacity oz	Capacity ml	Dia & Hgt mm	Screw Cap Size	Case Pack	Case Price
13-698	4	125	52 x 84	48-400	24	\$ 8.04
13-699	8	250	63 x 110	58-400	24	8.46
13-700	16	500	79 x 133	63-400	12	7.77
13-701	32	1000	93 x 179	70-400	12	11.10
13-702	65	2000	122 x 213	83-400	6	13.58
13-703	130	4000	157 x 256	89-400	4	18.95

WHITE POLYPROPYLENE CAP WITH TEFLON® LINER

Product Number	Capacity oz	Capacity ml	Dia & Hgt mm	Screw Cap Size	Case Pack	Case Price
13-705	4	125	52 x 84	48-400	24	\$ 8.86
13-706	8	250	63 x 110	58-400	24	9.32
13-707	16	500	79 x 133	63-400	12	8.56
13-708	32	1000	93 x 179	70-400	12	12.23
13-709	65	2000	122 x 213	83-400	6	15.06
13-710	130	4000	157 x 256	89-400	4	21.00

WITHOUT CAPS

Product Number	Capacity oz	Capacity ml	Dia & Hgt mm	Screw Cap Size	Case Pack	Case Price
13-712	4	125	52 x 84	48-400	24	\$ 7.66
13-713	8	250	63 x 110	58-400	24	8.06
13-714	16	500	79 x 133	63-400	12	7.40
13-715	32	1000	93 x 179	70-400	12	10.58
13-716	65	2000	122 x 213	83-400	6	12.90
13-717	130	4000	157 x 256	89-400	4	18.00

(PTFE) TEFLON VIALS BOTTLES & JARS

Assembled with Teflon Caps.



TEFLON® VIALS

Catalog Number	Capacity	Dia x Hgt mm	Price Each
13-720	25ML	64X33	\$44.00
13-721	50ML	78X43	48.00



TEFLON® BOTTLES

Extra Heavy Wall Wide Mouth with PFA Screw Closure Working Temperature Range, Cryogenic to 260°C.

Catalog Number	Capacity	Price Each
13-725	1mL	\$ 17.30
13-726	5mL	20.00
13-727	10mL	22.70
13-728	25mL	27.25
13-729	50mL	36.00
13-730	100mL	48.80
13-731	250mL	66.50
13-732	500mL	120.00
13-733	1000mL	157.20
13-734	20000mL	241.20

TEFLON® JARS

Extra Heavy Wall Wide Mouth with Teflon® Screw Cap.

Can withstand Temperatures to 280°C.



Catalog Number	Capacity	Size	Price Each
13-738	15mL	34x34	\$ 16.75
13-739	30mL	62x 34	19.50
13-740	60mL	46 x 60	24.00
13-741	120mL	52 x 72	34.20
13-742	240mL	100 x 72	45.70
13-743	480mL	125 x 90	74.90
13-744	1000mL	160 x 110	135.00

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MEDIA LAB BOTTLES WHEATON

Graduated bottles have a large opening, no-drip pour lip and sloping shoulders to facilitate pouring and cleaning. Bottles show approximate volume graduations, and have a large writing area.

CLEAR

Clear bottles are manufactured from borosilicate glass. Low alkali content helps to prevent changes in pH and maintain purity of contents.



Catalog Number	Capacity mL	Dia x Hgt mm (cap on) (cap off)		Screw Cap Size	Case Pack	Case Price
WITHOUT CAP						
13-656	125	55 x 123	55 x 119	33-430	48	\$ 96.90
13-657	250	67 x 152	67 x 148	33-430	48	137.95
13-658	500	88 x 192	88 x 188	33-430	24	105.42
13-659	1000	103 x 235	103 x 231	38-430	24	134.00

WITH POLYETHYLENE LINED CAP

Bottles can be used for distilled water, analytical standards and reagents.

13-670	125	55 x 123	55 x 119	33-430	48	\$137.80
13-671	250	67 x 152	67 x 148	33-430	48	188.70
13-672	500	88 x 192	88 x 188	33-430	24	138.98
13-673	1000	103 x 235	103 x 231	38-430	24	170.76

WITH RUBBER LINED CAP

Bottles are widely used for mixing and storage of culture media when fitted with a rubber lined cap. Autoclavable.

13-675	125	55 x 123	55 x 119	33-430	48	\$125.00
13-676	250	67 x 152	67 x 148	33-430	48	160.00
13-677	500	88 x 192	88 x 188	33-430	24	123.00
13-678	1000	103 x 235	103 x 231	38-430	24	153.00

WITH TEFLON LINED CAP

Teflon liners are inert to most chemicals. Autoclavable.

13-680	125	55 x 123	55 x 119	33-430	48	134.00
13-681	250	67 x 152	67 x 148	33-430	48	167.00
13-682	500	88 x 192	88 x 188	33-430	24	133.00
13-683	1000	103 x 235	103 x 231	38-430	24	164.00

AMBER MEDIA BOTTLES

Amber bottles are manufactured from Wheaton "500" borosilicate glass to protect light-sensitive samples. The amber bottle without cap is also available without graduations (see product listing below).



Catalog Number	Capacity mL	Dia x Hgt mm (cap on) (cap off)		Screw Cap Size	Case Pack	Case Price
WITHOUT CAP						
13-656A	125	55 x 123	55 x 119	33-430	48	\$264.03
WITH POLYETHYLENE LINED CAP						
13-670A	125	55 x 123	55 x 119	33-430	48	289.11
WITH RUBBER LINED CAP						
13-675A	125	55 x 123	55 x 119	33-430	48	285.80
WITH TEFLON® LINED CAP						
13-680A	125	55 x 123	55 x 119	33-430	48	319.41
WITHOUT CAP, NO GRADUATIONS						
13-684	125	55 x 123	55 x 119	33-430	48	183.04

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BOTTLES AND JARS

LOW DENSITY POLYETHYLENE (LDPE) DROPPING BOTTLES

With Filtered & Extended Controlled Dropper Tips and Polypropylene Caps

Filter tips have a pore size of 20 to 30 microns. They are designed to be used to remove particulates when delivering liquids.

Catalog Number	Size mL	Dia x Hgt mm	Screw Cap Size	Shelf Pack	Case Pack	Case Price
13-625	1	12 x 25.5	8-425	12	144	\$107.35
13-626	3	14 x 49	8-425	12	144	110.99
13-627	7	19 x 63	15-415	12	144	126.14
13-628	15	25 x 78	15-415	12	144	137.44



LOW DENSITY POLYETHYLENE (LDPE) DROPPING BOTTLES

With Streaming Tips & Polypropylene Caps

Dispenses a stream of liquid. Use when a controlled drop is not desired. Tip snaps into place and is easily removed for filling.

Not autoclavable.

Catalog Number	Size mL	Dia x Hgt mm	Screw Cap Size	Shelf Pack	Case Pack	Case Price
13-630	6	17 x 58	13-425	12	144	\$ 95.64
13-631	7	19 x 63	15-415	12	144	96.61
13-632	15	25 x 78	15-415	12	144	104.33
13-633	30	32 x 85	20-410	12	144	115.82
13-634	60	39 x 101	20-410	12	144	123.93
13-635	125	47 x 125	20-410	12	144	106.58



DISPOSABLE SPECIMEN CONTAINERS

These lightweight containers with tight-fitting lids are designed to standardize the handling and storage of specimens, but can be used to store

just about anything. Molded of high-density polyethylene, they are white opaque (to eliminate the sight of specimens), will resist freezing or boiling temperatures and have excellent chemical resistance. Low cost enough to be disposable, yet sturdy enough to reuse, these containers are available in a wide range of sizes to fit every need.



13-640	Specimen Container-4 oz.	cs/250	\$60.50
13-641	Specimen Container-8 oz.	cs/250	67.50
13-642	Specimen Container-16 oz.	cs/100	41.40
13-643	Specimen Container-32 oz.	cs/100	65.34
13-644	Specimen Container-64 oz.	cs/50	56.24
13-645	Specimen Container-165 oz.	cs/25	62.50

GRADUATED MEDIA BOTTLES (PET)

Available in 125 and 500 ml sizes the new PET Media bottle offers all the benefits of almost unbreakable, glass clear, non

toxic PET at a highly competitive price. Specifically designed for the packaging or storage of biological solutions, media and sera, these new bottles are feature packed. Unique hexagonal shape means ease of handling, space saving and allows for rapid cooling when tray stacked. Suitable for deactivation at 55°C (131°F). Gamma irradiated for assured sterility, double bag stack packed. Leak tested to B55213. Tamper evident closure ensures sterility.



Cat. No. Number	Capacity	Closure Size mm	No. per Case	Price per Case
13-650	125	38	20	\$34.60
13-651	500	38	24	72.00

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NARROW MOUTH WASH BOTTLES

COLOR-CODED, POLYETHYLENE

For quick, at-a-glance identification of contents, labs, or users, these low-density polyethylene wash bottles feature color-coded polypropylene cap and nozzle assemblies.



Catalog no				size code	capacity		cap	Case	Case
RED	YELLOW	BLUE	GREEN		oz.	ml	mm	Pack	Price
13-751R	13-751Y	13-751B	13-751G	0125	4	125	24	6	\$14.40
13-753R	13-753Y	13-753B	13-753G	0250	8	250	24	6	14.90
13-754R	13-754Y	13-754B	13-754G	0500	16	500	28	6	16.80
13-755R	13-755Y	13-755B	13-755G	1000	32	1000	38	4	15.00

NATURAL	Capacity		Cap	Case	Case
Catalog No.	oz	ml	mm	Pack	Price
13-751	4	125	24	12	\$26.50
13-752	6	180	24	12	43.50
13-753	8	250	24	12	27.80
13-754	16	500	28	12	31.20
13-755	32	1000	24	12	37.45



WIDE MOUTH WASH BOTTLES

COLOR-CODED, POLYETHYLENE

These low-density polyethylene wash bottles have wide mouths for easy filling. The polypropylene cap and nozzle assemblies are color-coded for safety and easy identification. Bulk quantities available; please inquire.



catalog no				size code	capacity		cap	Case	Case
RED	YELLOW	BLUE	GREEN		oz.	ml	Size	Pack	Price
13-760R	13-760Y	13-760B	13-760G	0125	4	125	38 mm	6	\$14.40
13-761R	13-761Y	13-761B	13-761G	0250	8	250	43 mm	6	14.70
13-762R	13-762Y	13-762B	13-762G	0500	16	500	43 mm	6	17.15
13-763R	13-763Y	13-763B	13-763G	1000	32	1000	53 mm	4	15.85

NATURAL	Capacity		Cap	Case	Case
Catalog No.	oz	ml	mm	Pack	Price
13-760	4	125	38	12	\$27.50
13-761	8	250	43	12	28.15
13-762	16	500	43	6	16.90
13-763	32	1000	53	3	12.65



POLYSTYRENE CONTAINERS – STERILE

7 to 150ml capacity for all types of sample requirements. The 30ml size offers labeling options of unlabeled, printed, or plain. Available with plastic caps, the 30ml universal uniquely relies on flowed seal technology. Other sizes employ liners or crabs claw closures to facilitate sample containment. Specialized containers include: a 30ml container with a built in spoon for sampling of faeces or solids within industry. All containers are manufactured aseptically in state-of-the-art clean rooms, guaranteeing sterility.



Prod. Code	Description	Volume ml	Material (base/cap)	Height w/ cap mm	Cap Diam. mm	Number /case	Price /case
13-770	Plain label, plastic cap	60	PS/PE	61.1	44.6	300	\$ 77.00
13-771	Universal, no label, flow seal cap	30	PS/PP	93.1	30.1	400	39.50
13-772	Universal, printed label, flow seal cap	30	PS/PP	93.1	30.1	400	41.20
13-773	Universal, plain label, flow seal cap	30	PS/PP	93.1	30.1	400	41.20
13-774	Universal, spoon, no label	30	PS/PE	93.1	30.1	400	70.00
13-775	Universal, spoon, plain label	30	PS/PE	93.1	30.1	400	72.00
13-776	Bijou, no label	7	PS/PE	50.2	22.5	700	66.20
13-777	Bijou, plain label	7	PS/PE	50.2	22.5	700	80.74
13-778	Plain label, flow seal cap	150	PS/ME	107.5	54.9	120	53.26
13-779	Plain label, plastic lined cap	100	PS/PE	76.4	50.5	200	67.00

NARROW MOUTH CYLINDER ROUND



ASSEMBLED WITH FOAM LINED CAPS

HIGH DENSITY POLYETHYLENE

Catalog Number	Capacity oz	Capacity ml	Cap Size	Case Pack	Case Price
13-785	1	30	20/410	24	\$ 5.95
13-786	2	60	24/410	24	6.27
13-787	4	120	24/410	24	6.97
13-788	8	250	24/410	24	7.21
13-789	16	500	28/410	12	4.87
13-790	32	1000	28/410	12	5.46

(PVC) POLYVINYL CHLORIDE

Catalog Number	Capacity oz	Capacity ml	Cap Size	Case Pack	Case Price
13-795	1	30	20/410	24	\$ 7.44
13-796	2	60	24/410	24	5.04
13-797	4	120	24/410	24	6.96
13-798	8	250	24/410	24	9.84
13-799	16	500	28/410	12	7.56
13-800	32	1000	28/410	12	12.00

HIGH DENSITY POLYETHYLENE WITHOUT CAPS

Catalog Number	Capacity oz	Capacity ml	Cap Size	Case Pack	Case Price
13-805	1	30	20/410	24	\$ 5.65
13-806	2	60	24/410	24	5.95
13-807	4	120	24/410	24	6.62
13-808	8	250	24/410	24	6.84
13-809	16	500	28/410	12	4.62
13-810	32	1000	28/410	12	5.18

(PVC) POLYVINYL CHLORIDE WITHOUT CAPS

Catalog Number	Capacity oz	Capacity ml	Cap Size	Case Pack	Case Price
13-815	1	30	20/410	24	\$ 6.72
13-816	2	60	24/410	24	4.82
13-817	4	120	24/410	24	6.00
13-818	8	250	24/410	24	8.64
13-819	16	500	28/410	12	6.72
13-820	32	1000	28/410	12	11.40

STERILE PETE SQUARE MEDIA BOTTLES



- Tested superior for pH stability, temperature durability, cloning efficiency and cytotoxicity
 - No-drip pour lip allows cleaner, faster, easier pouring and eliminates exposure
 - Permanent in-mold graduations provide easy, accurate volume determination at a glance
 - Lighter for easier, more economical shipping and handling
- New square media bottles offer the clarity of glass with the strength of plastic. Bottles have attached 33-430 polypropylene caps with foamed polyethylene liners.



Packed in convenient shrink-wrapped trays.

Catalog Number	Size mL	Overall Hgt mm	Case Pack	Case Price
13-825	125	99	48	\$78.71
13-826	500	175	24	68.34
13-827	1000	217	24	97.20

WHEATON STERILE POLYETHYLENE TEREPHTHALATE (PET) MEDIA BOTTLE



PET Media Bottles eliminate the possibility of losing valuable cell culture media or biological products due to the accidental breakage of glass. Each bottle is individually bagged and radiation sterilized. Equipped with a white polypropylene foam polyethylene lined cap.

Compact size, no-drip pouring lip, easy-to-read graduations, and marking area are conveniences you will appreciate when handling these bottles.

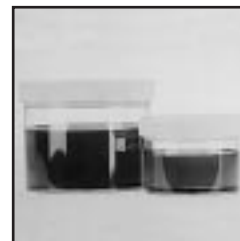
Catalog Number	Size mL	Dia x Hgt mm	Screw Cap Size	Case Pack	Case Price
13-830	125	52 x 115	33-430	12	\$27.87

POLYSTYRENE (PS) SPECIMEN JARS

With White Screw Caps

Extraordinarily clear polystyrene jars have attached white polypropylene screw caps. Perfect jar for a wide variety of lab samples and specimens. Caps have a large mat surface on top for labeling.

Catalog Number	Size ml	Dia & Hgt mm	Screw Cap Size mm	Case Pack	Case Price
13-835	60	49 x 49	53	12	\$15.14
13-836	125	66 x 61	70	12	15.14
13-837	250	95 x 67	89	12	18.82
13-838	350	85 x 83	89	12	25.65
13-839	400	84 x 98	89	12	28.30
13-840	600	115 x 81	120	6	18.97
13-841	800	115 x 100	120	6	19.80



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BOTTLES AND JARS

LABORATORY GRADE PLASTIC BOTTLES WITH CAPS ATTACHED WIDE MOUTH



LOW DENSITY POLYETHYLENE, NATURAL

Catalog Number	Capacity ml	Dia & Hgt mm	Screw Cap Size	Case Pack	Case Price
13-845	30	33 x 69	28 - 410	72	\$ 61.12
13-846	60	39 x 88	28 - 410	72	62.65
13-847	125	51 x 98	38 - 410	72	75.77
13-848	250	61 x 125	43 - 410	72	113.32
13-849	500	72 x 164	53 - 410	48	103.60
13-850	1000	90 x 209	65 - 410	24	79.60
13-851	2000	120 x 245	65 - 410	6	37.80

HIGH DENSITY POLYETHYLENE, NATURAL

Catalog Number	Capacity ml	Dia & Hgt mm	Screw Cap Size	Case Pack	Case Price
13-855	30	33 x 69	28 - 410	72	\$ 63.27
13-856	60	39 x 88	28 - 410	72	64.80
13-857	125	51 x 98	38 - 410	72	77.09
13-858	250	61 x 125	43 - 410	72	116.40
13-859	500	72 x 164	53 - 410	48	107.28
13-860	1000	90 x 209	65 - 410	48	126.75
13-861	2000	120 x 245	65 - 410	6	41.40

HIGH DENSITY POLYETHYLENE, AMBER

Catalog Number	Capacity ml	Dia & Hgt mm	Screw Cap Size	Case Pack	Case Price
13-865	30	33 x 69	28 - 410	72	\$ 88.14
13-866	60	39 x 88	28 - 410	72	90.30
13-867	125	51 x 98	38 - 410	72	104.42
13-868	250	61 x 125	43 - 410	72	155.41
13-869	500	72 x 164	53 - 410	48	135.95
13-870	1000	90 x 209	65 - 410	48	139.51
13-871	2000	120 x 245	65 - 410	6	51.00

POLYPROPYLENE, NATURAL

Catalog Number	Capacity ml	Dia & Hgt mm	Screw Cap Size	Case Pack	Case Price
13-875	30	33 x 69	28 - 410	72	\$ 67.56
13-876	60	39 x 88	28 - 410	72	68.18
13-877	125	51 x 98	38 - 410	72	89.68
13-878	250	61 x 125	43 - 410	72	139.12
13-879	500	72 x 164	53 - 410	48	132.67
13-880	1000	90 x 209	65 - 410	24	89.60
13-881	2000	120 x 245	65 - 410	6	46.80

LABORATORY GRADE PLASTIC BOTTLES WITH CAPS ATTACHED NARROW MOUTH



LOW DENSITY POLYETHYLENE, NATURAL

Catalog Number	Capacity ml	Dia & Hgt mm	Screw Cap Size	Case Pack	Case Price
13-890	30	32 x 69	20 - 410	72	\$40.84
13-891	60	34 x 84	20 - 410	72	41.76
13-892	125	50 x 101	24 - 410	72	54.35
13-893	250	61 x 129	24 - 410	72	70.70
13-894	500	72 x 171	28 - 410	48	73.10
13-895	1000	90 x 202	28 - 410	24	57.36
13-896	2000	120 x 235	38 - 410	6	42.00

HIGH DENSITY POLYETHYLENE, NATURAL

Catalog Number	Capacity ml	Dia & Hgt mm	Screw Cap Size	Case Pack	Case Price
13-900	30	32 x 69	20 - 410	72	\$40.84
13-901	60	34 x 84	20 - 410	72	41.76
13-902	125	50 x 101	24 - 410	72	54.35
13-903	250	61 x 129	24 - 410	72	77.70
13-904	500	72 x 171	28 - 410	48	73.10
13-905	1000	91 x 210	38 - 430	24	65.52
13-906	2000	120 x 235	38 - 410	6	42.00

HIGH DENSITY POLYETHYLENE, AMBER

Catalog Number	Capacity ml	Dia & Hgt mm	Screw Cap Size	Case Pack	Case Price
13-910	30	32 x 69	20 - 410	72	\$ 65.73
13-911	60	34 x 84	20 - 410	72	68.79
13-912	125	50 x 101	24 - 410	72	84.15
13-913	250	61 x 129	24 - 410	72	114.25
13-914	500	72 x 171	28 - 410	48	112.41
13-915	1000	91 x 210	38 - 430	24	94.39
13-916	2000	120 x 235	38 - 410	6	41.40

POLYPROPYLENE, NATURAL

Catalog Number	Capacity ml	Dia & Hgt mm	Screw Cap Size	Case Pack	Case Price
13-920	30	32 x 69	20 - 410	72	\$ 52.82
13-921	60	34 x 84	20 - 410	72	53.75
13-922	125	50 x 101	24 - 410	72	73.40
13-923	250	61 x 129	24 - 410	72	107.18
13-924	500	72 x 171	28 - 410	48	106.27
13-925	1000	91 x 202	28 - 410	24	74.37
13-926	2000	120 x 235	38 - 410	6	46.80

SAMPLE VIALS 12X32MM

8MM STANDARD OPENING SCREW THREAD VIALS

8MM SCREW THREAD FINISH



CLEAR

Size ml	Vial Size	Finish	Case Pack	Product Number	Case Price	Product Number	Marking Spot Case Price
2.0	12 x 32	8/425	100	12-100	\$15.80	12-100M	\$16.40

AMBER

Size ml	Vial Size	Finish	Case Pack	Product Number	Case Price	Product Number	Marking Spot Case Price
2.0	12 x 32	8/425	100	12-101	\$16.40	12-101M	\$17.00

CLOSURES

Product Number	Description	Case Pack	Case Price
34-100	8/425 Black Open Top Phenolic	100	\$7.35
34-101	8/425 Black Open Top Polypropylene	100	4.20
34-102	8/425 Black Large Hole Polypropylene	100	4.20
34-102B	8/425 Blue Open Top Polypropylene	100	5.25
34-102G	8/425 Green Open Top Polypropylene	100	5.25
34-102R	8/425 Red Open Top Polypropylene	100	5.25
34-102W	8/425 White Open Top Polypropylene	100	5.25
34-102Y	8/425 Yellow Open Top Polypropylene	100	5.25
34-103	8/425 Natural Top Seal Polypropylene	100	7.35



SEPTA FOR OPEN TOP CLOSURES

Product Number	Description	Case Pack	Case Price
38-100	8mm Teflon® with Slit	100	\$9.75
38-101	8mm Teflon®	100	5.25
38-102	8mm Teflon®/Silicone	100	13.00
38-103	8mm Teflon®/Silicone with Slit	100	26.50
38-104	8mm Teflon®/Butyl Rubber	100	9.45
38-105	8mm Teflon®/Silicone/Teflon®	100	15.25
38-106	8mm Black Viton®	100	22.00



SAMPLE VIALS 12X32MM

10MM LARGE OPENING SCREW THREAD VIALS

12X32MM
10MM LARGE OPENING SCREW THREAD VIALS
10MM SCREW THREAD FINISH



CLEAR

Product Number	Size ml	Vial Size	Finish	Case Pack	Case Price	Marking Spot	
						Product Number	Case Price
12-105	2.0	12 x 32	10/425	100	\$15.80	12-105M	\$16.40

AMBER

Product Number	Size ml	Vial Size	Finish	Case Pack	Case Price	Marking Spot	
						Product Number	Case Price
12-106	2.0	12 x 32	10/425	100	\$16.40	12-106M	\$17.00

CLOSURES



Product Number	Description	Case Pk	Price
34-110	10/425 Black Open Top Polypropylene	100	\$5.20
34-110B	10/425 Blue Open Top Polypropylene	100	6.25
34-110G	10/425 Green Open Top Polypropylene	100	6.25
34-110R	10/425 Red Open Top Polypropylene	100	6.25
34-110W	10/425 White Open Top Polypropylene	100	6.25
34-110Y	10/425 Yellow Open Top Polypropylene	100	6.25
34-111	10/425 Natural Top Seal Polypropylene	100	8.35

SEPTA FOR OPEN TOP CLOSURES



Product Number	Description	Case Pack	Case Price
38-110	10mm Teflon	100	\$5.75
38-111	10mm Teflon/Silicone	100	15.30
38-112	10mm Teflon/Silicone with slit	100	31.50
38-113	10mm Teflon/Butyl Rubber	100	11.00
38-114	10mm Teflon/Silicone/Teflon	100	21.00
38-115	10mm Black Viton	100	27.00

SAMPLE VIALS 15X45MM

13MM SCREW THREAD FINISH

15X45MM
13MM SCREW THREAD FINISH



CLEAR

Product Number	Size ml	Vial Size	Finish	Case Pack	Case Price	Marking Spot	
						Product Number	Case Price
12-110	4.0	15 x 45	13/425 Screw Thread	100	\$15.80	12-110M	\$17.80

AMBER

Product Number	Size ml	Vial Size	Finish	Case Pack	Case Price	Marking Spot	
						Product Number	Case Price
12-111	4.0	15 x 45	13/425 Screw Thread	100	\$17.80	12-111M	\$20.75

CLOSURES



Product Number	Description	Case Pack	Case Price
34-120	13/425 Black Open Top Phenolic	100	\$9.00
34-121	13/425 Black Open Top Polypropylene	100	5.20
34-121B	13/425 Blue Open Top Polypropylene	100	6.25
34-121G	13/425 Green Open Top Polypropylene	100	6.25
34-121R	13/425 Red Open Top Polypropylene	100	6.25
34-121W	13/425 White Open Top Polypropylene	100	6.25
34-121Y	13/425 Yellow Open Top Polypropylene	100	6.25

SEPTA FOR OPEN TOP CLOSURES



Product Number	Description	Case Pack	Case Price
38-120	13mm Teflon®	100	\$5.95
38-121	13mm Teflon®/Silicone	100	15.30
38-122	13mm Teflon®/Butyl Rubber	100	12.25
38-123	13mm Teflon®/Silicone/Teflon®	100	21.00
38-124	13mm Black Viton®	100	31.25
38-125	13mm Teflon®/Silicone with Slit	100	31.50

SLS-LUX Scientific

VIALS

STANDARD OPENING CRIMP TOP VIALS

FOR USE WITH ALUMINUM SEALS



CLEAR

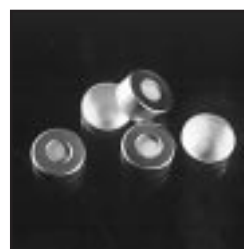
Size ml	Vial Size	Finish	Case Pack	Product Number	Case Price	Marking Spot		Case Price
						Product Number	Product Number	
.8	8 x 30	8mm Crimp	100	12-155	\$17.40	12-155M		N/A
2.0	12 x 32	11mm Crimp	100	12-156	13.50	12-156M		\$15.00

AMBER

Size ml	Vial Size	Finish	Case Pack	Product Number	Case Price	Marking Spot		Case Price
						Product Number	Product Number	
.8	8 x 30	8mm Crimp	100	12-160	\$19.80	12-160M		N/A
2.0	12 x 32	11mm Crimp	100	12-161	15.00	12-161M		\$15.75

8MM ALUMINUM SEALS

Product Number	Aluminum Seal Color/Liner	Case Pack	Case Price
34-001	8mm Silver Seal, PTFE	100	\$14.30
34-002	8mm Silver Seal, PTFE/Natural Rubber	100	11.70
34-003	8mm Silver Seal, Red PTFE/Silicone	100	21.20
34-004	8mm Silver Seal, PTFE/Silicone/PTFE	100	25.50
34-005	8mm Silver Seal, Black Viton	100	61.20



11MM ALUMINUM SEALS

Product Number	Aluminum Seal Color/Liner	Case Pack	Case Price
34-130	11mm Silver Seal, PTFE	100	\$13.50
34-130B	11mm Blue Seal, PTFE	100	14.00
34-130G	11mm Green Seal, PTFE	100	14.00
34-130R	11mm Red Seal, PTFE	100	14.00
34-130GD	11mm Gold Seal, PTFE	100	14.00
34-131	11mm Silver Seal, PTFE/Silicone	100	21.25
34-131B	11mm Blue Seal, PTFE/Silicone	100	21.75
34-131G	11mm Green Seal, PTFE/Silicone	100	21.75
34-131R	11mm Red Seal, PTFE/Silicone	100	21.75
34-131GD	11mm Gold Seal, PTFE/Silicone	100	21.75
34-132	11mm Silver Seal, PTFE/Silicone/PTFE	100	25.50
34-132B	11mm Blue Seal, PTFE/Silicone/PTFE	100	26.00
34-132G	11mm Green Seal, PTFE/Silicone/PTFE	100	26.00
34-132R	11mm Red Seal, PTFE/Silicone/PTFE	100	26.00
34-132GD	11mm Gold Seal, PTFE/Silicone/PTFE	100	26.00
34-133	11mm Silver Seal, Black Viton	100	46.25



SLS-LUX Scientific

VIALS

SAMPLE VIALS 12X32MM

WIDE NECK CRIMP TOP LO VIALS

SOLID RING CRIMP FINISH
FOR USE WITH 11MM ALUMINUM SEALS



CLEAR

Product Number	Size ml	Vial Size	Finish	Case Pack	Case Price	Product Number	Marking Spot Case Price
12-115	2.0	12 x 32	11mm Crimp	100	\$13.50	12-115M	\$15.00

AMBER

Product Number	Size ml	Vial Size	Finish	Case Pack	Case Price	Product Number	Marking Spot Case Price
12-116	2.0	12 x 32	11mm Crimp	100	\$15.00	12-116M	\$15.75

ALUMINUM SEALS



Product Number	Description	Case Pack	Price
34-130	11mm Silver Seal/PTFE	100	\$13.50
34-130B	11mm Blue Seal/PTFE	100	14.00
34-130G	11mm Green Seal, PTFE	100	14.00
34-130R	11mm Red Seal, PTFE	100	14.00
34-130GD	11mm Gold Seal, PTFE	100	14.00
34-131	11mm Silver Seal, PTFE/Silicone	100	21.25
34-131B	11mm Blue Seal, PTFE/Silicone	100	21.75
34-131G	11mm Green Seal, PTFE/Silicone	100	21.75
34-131R	11mm Red Seal, PTFE/Silicone	100	21.75
34-131GD	11mm Gold Seal, PTFE/Silicone	100	21.75
34-132	11mm Silver Seal, PTFE/Silicone/PTFE	100	25.50
34-132B	11mm Blue Seal, PTFE/Silicone/PTFE	100	26.00
34-132G	11mm Green Seal, PTFE/Silicone/PTFE	100	26.00
34-132R	11mm Red Seal, PTFE/Silicone/PTFE	100	26.00
34-132GD	11mm Gold Seal, PTFE/Silicone/PTFE	100	26.00
34-133	11mm Silver Seal, Black Viton	100	60.50
34-006	11mm Silver Seal, PTFE/Natural Rubber	100	13.23
34-006B	11mm Blue Seal, PTFE/Natural Rubber	100	13.72
34-006G	11mm Green Seal, PTFE/Natural Rubber	100	13.72
34-006R	11mm Res Seal, PTFE/Natural Rubber	100	13.72
34-006GD	11mm Gold Seal, PTFE/Natural Rubber	100	13.72

SAMPLE VIALS 15X45MM

13MM CRIMP TOP/SNAP RING™ VIALS

FOR USE WITH 13MM PLASTIC SNAP CAPS OR 13MM ALUMINUM SEALS



CLEAR

Size ml	Vial Size	Finish	Case Pack	Product Number	Case Price	Marking Spot	
						Product Number	Case Price
4.0	15 x 45	13mm Crimp/Snap Ring™	100	12-125	\$15.80	12-125W	\$17.80

AMBER

Size ml	Vial Size	Finish	Case Pack	Product Number	Case Price	Marking Spot	
						Product Number	Case Price
4.0	15 x 45	13mm Crimp/Snap Ring™	100	12-126	\$17.80	12-126W	\$20.75

13MM PLASTIC SNAP CAPS

Product Number	Description	Case Pack	Case Price
34-150	13mm Clear Snap Cap, PTFE	100	\$18.40
34-151	13mm Clear Snap Cap, PTFE/Natural Rubber	100	19.20
34-152	13mm Clear Snap Cap, PTFE/Silicone	100	30.20
34-153	13mm Clear Snap Cap, PTFE/Silicone Starburst	100	33.70
34-154	13mm Clear Snap Cap, PTFE/Silicone/PTFE	100	36.30
34-155	13mm Clear Snap Cap, PTFE/Silicone/PTFE w/Starburst	100	38.00



13MM ALUMINUM SEALS

Product Number	Description	Case Pack	Case Price
34-160	13mm Silver Seal, PTFE	100	\$6.20
34-161	13mm Silver Seal, PTFE/Natural Rubber	100	10.00
34-162	13mm Silver Seal, PTFE/Silicone	100	17.00
34-163	13mm Silver Seal, PTFE/Silicone/PTFE	100	19.60



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VIALS

SAMPLE VIALS 12X32MM

11MM WIDE NECK CRIMP TOP/SNAP RING™ VIALS

FOR USE WITH 11MM PLASTIC SNAP CAPS OR 11MM ALUMINUM SEALS



CLEAR

Product Number	Size ml	Vial Size	Finish	Case Pack	Case Price	Product Number	Marking Spot Case Price
12-120	2.0	12 x 32	11mm Crimp/Snap Ring™	100	\$13.50	12-120M	\$14.80

AMBER

Product Number	Size ml	Vial Size	Finish	Case Pack	Case Price	Product Number	Marking Spot Case Price
12-121	2.0	12 x 32	11mm Crimp/Snap Ring™	100	\$14.80	12-121M	\$15.80

11MM PLASTIC SNAP CAPS

Product Number	Snap Cap Color/Liner	Case Pack	Case Price
34-140	Clear Snap Cap, PTFE	100	\$14.00
34-141	Clear Snap Cap, Starburst, PTFE	100	21.75
34-140B	Blue Snap Cap, PTFE	100	15.25
34-140G	Green Snap Cap, PTFE	100	15.25
34-140R	Red Snap Cap, PTFE	100	15.25
34-140Y	Yellow Snap Cap, PTFE	100	15.25
34-142	Clear Snap Cap, Natural Rubber	100	15.10
34-142B	Blue Snap Cap, Natural Rubber	100	16.35
34-142G	Green Snap Cap, Natural Rubber	100	16.35
34-142R	Red Snap Cap, Natural Rubber	100	16.35
34-142Y	Yellow Snap Cap, Natural Rubber	100	16.35
34-143	Clear Snap Cap, PTFE/Silicone	100	22.50
34-143B	Blue Snap Cap, PTFE/Silicone	100	23.75
34-143G	Green Snap Cap, PTFE/Silicone	100	23.75
34-143R	Red Snap Cap, PTFE/Silicone	100	23.75
34-143Y	Yellow Snap Cap, PTFE/Silicone	100	23.75
34-145	Clear Snap Cap w/Slit, PTFE/Silicone	100	33.52
34-145B	Blue Snap Cap w/Slit, PTFE/Silicone	100	35.20
34-145G	Green Snap Cap w/Slit, PTFE/Silicone	100	35.20
34-145R	Red Snap Cap w/Slit, PTFE/Silicone	100	35.20
34-145Y	Yellow Snap Cap w/Slit, PTFE/Silicone	100	35.20
34-144	Clear Snap Cap, PTFE/Silicone/PTFE	100	26.50
34-144B	Blue Snap Cap, PTFE/Silicone/PTFE	100	29.15
34-144G	Green Snap Cap, PTFE/Silicone/PTFE	100	29.15
34-144R	Red Snap Cap, PTFE/Silicone/PTFE	100	29.15
34-144Y	Yellow Snap Cap, PTFE/Silicone/PTFE	100	29.15
34-146	Clear Snap Cap Starburst, PTFE/Silicone/PTFE	100	41.80
34-146B	Blue Snap Cap Starburst, PTFE/Silicone/PTFE	100	42.50
34-146G	Green Snap Cap Starburst, PTFE/Silicone/PTFE	100	42.50
34-146R	Red Snap Cap Starburst, PTFE/Silicone/PTFE	100	42.50
34-146Y	Yellow Snap Cap Starburst, PTFE/Silicone/PTFE	100	42.50



11MM ALUMINUM SEALS

Product Number	Snap Cap Color/Liner	Case Pack	Case Price
34-130	11mm Silver Seal, PTFE	100	\$13.50
34-130B	11mm Blue Seal, PTFE	100	14.00
34-130G	11mm Green Seal, PTFE	100	14.00
34-130R	11mm Red Seal, PTFE	100	14.00
34-130GD	11mm Gold Seal, PTFE	100	14.00
34-131	11mm Silver Seal, PTFE/Silicone	100	21.25
34-131B	11mm Blue Seal, PTFE/Silicone	100	21.75
34-131G	11mm Green Seal, PTFE/Silicone	100	21.75
34-131R	11mm Red Seal, PTFE/Silicone	100	21.75
34-131GD	11mm Gold Seal, PTFE/Silicone	100	21.75
34-132	11mm Silver Seal, PTFE/Silicone/PTFE	100	25.50
34-132B	11mm Blue Seal, PTFE/Silicone/PTFE	100	26.00
34-132G	11mm Green Seal, PTFE/Silicone/PTFE	100	26.00
34-132R	11mm Red Seal, PTFE/Silicone/PTFE	100	26.00
34-132GD	11mm Gold Seal, PTFE/Silicone/PTFE	100	26.00
34-133	11mm Silver Seal, Black Viton	100	46.25



SLS-LUX Scientific

VIALS

LIMITED VOLUME VIALS CRIMP/SNAP RING® FINISH

GLASS SNAP RING VIAL (ALL GLASS VIAL)

FOR USE WITH 11MM SNAP CAPS OR ALUMINUM SEALS

Size ml	Vial Size	Finish	Case Pack	Product Number	Case Price
.1	12 x 32	11mm CR/SR	100	12-130	\$44.90



SOLID RING VIAL

FOR USE WITH ALUMINUM SEALS

Size ml	Vial Size	Finish	Case Pack	Product Number	Case Price
.1	12 x 32	11mm CRIMP	100	12-131	\$44.90



PLASTIC CRIMP/SNAP RING™ FINISH

POLYPROPYLENE

Size ml	Vial Size	Finish	Case Pack	Product Number	Case Price
.1	12 x 32	11mm CR/SR	100	12-132	\$12.75
.5	12 x 32	11mm CR/SR	100	12-133	12.20
.75	12 x 32	11mm CR/SR	100	12-134	12.20
2.5	15 x 45	13mm CR/SR	100	12-135	13.30



TPX® (POLYMETHYLPENTENE)

Size ml	Vial Size	Finish	Case Pack	Product Number	Case Price
.75	12 x 32	11mm CR/SR	100	12-136	\$21.40



GLASS/PLASTIC VIAL

GLASS INSERT WITH PLASTIC OUTSIDE VIAL

Size ml	Vial Size	Finish	Color	Case Pack	Product Number	Case Price
.1	12 x 32	11mm CR/SR	Clear	100	12-137	\$127.50
.1	12 x 32	11mm CR/SR	Amber	100	12-138	136.60
.3	15 x 45	13mm CR/SR	Clear	100	12-139	127.50



LIMITED VOLUME VIALS SCREW THREAD FINISH

GLASS SCREW THREAD (ALL GLASS VIAL)

Size ml	Vial Size	Finish	Case Pack	Product Number	Case Price
.1	12 x 32	8/425	100	12-140	\$46.00



PLASTIC SCREW THREAD POLYPROPYLENE

Size ml	Vial Size	Finish	Case Pack	Product Number	Case Price
.1	12 X 32	8/425	100	12-141	\$15.50
.5	12 X 32	10/425	100	12-142	10.50
.75	12 X 32	10/425	100	12-143	12.50
1.2	15 X 45	13/425	100	12-145	13.50
2.5	15 X 45	13/425	100	12-146	13.50
2.9	15 X 45	13/425	100	12-147	13.50



GLASS/PLASTIC VIAL

GLASS INSERT WITH PLASTIC OUTSIDE VIAL

Size ml	Vial Size	Finish	Case Pack	Color	Product Number	Case Price
.1	12 x 32	8/425	100	Clear	12-148	\$137.70
.1	12 x 32	8/425	100	Amber	12-149	146.80
.3	15 x 45	13/425	100	Clear	12-150	127.50



SLS-LUX Scientific

VIALS

HEAD SPACE VIALS

FOR USE WITH 20MM ALUMINUM SEALS

Size ml	Vial Size	Color	Case Pack	Product Number	Case Price
6	22 x 38	Clear	100	12-170	\$22.40
10	23 x 46	Clear	100	12-171	21.90
20	23 x 75	Clear	100	12-172	23.25
27	30 x 60	Clear	100	12-173	36.70



20MM ALUMINUM SEALS UNLINED

Product Number	Description	Case Pack	Case Price
34-170	20mm Silver Aluminum Seal Center Tear Off	100	\$7.60
34-171	20mm Silver Aluminum Seal Total Tear Away	100	7.60
34-172	20mm Silver Aluminum Open Top Seal	100	7.60



20MM ALUMINUM SEALS LINED

Product Number	Description	Case Pack	Case Price
34-175	20mm Silver Aluminum Seal with PTFE	100	\$13.50
34-176	20mm Silver Aluminum Seal, PTFE/Grey Butyl Rubber	100	59.00
34-177	20mm Silver Aluminum Seal, PTFE/Silicone	100	38.80
34-178	20mm Silver Aluminum Seal, PTFE/Grey Butyl Molded Pressure Release	100	84.00
34-180	20mm Silver Aluminum Seal, PTFE/Rubber Pressure Release	100	73.00
34-182	20mm Silver Aluminum Seal, PTFE/Silicone Pressure Release	100	84.00
34-184	20mm Tin Plate Seal, PTFE/Butyl Rubber	100	93.97
34-185	20mm Tin Plate Seal, PTFE/Silicone	100	75.20



SEPTA TO FIT 20MM ALUMINUM SEALS

Product Number	Description	Case Pack	Case Price
38-241	Grey Butyl Rubber/PTFE	100	\$34.40
38-242	PTFE/Silicone	100	31.80
38-240	Grey PTFE/Silicone	100	26.40



SERUM TUBING VIALS

Vials have blowback feature in neck and bottom radius where freeze-drying applications are indicated. Vials are shrink-wrapped in modules to reduce particulate contamination. Vials are manufactured from low extractable borosilicate glass tubing to hold uniform wall thickness.

CLEAR GLASS

Catalog Number	Size ml	Mouth ID x OD mm	Dia x Hgt mm	Case Pack	Case Price
12-200	2	7 x 13	15 x 32	144	\$38.79
12-201	3	7 x 13	17 x 37.7	144	41.88
12-202	5	13 x 20	22 x 40	144	55.09
12-203	10	13 x 20	24 x 50	144	60.58
12-204	20	13 x 20	5 x 58	120	79.24

AMBER GLASS

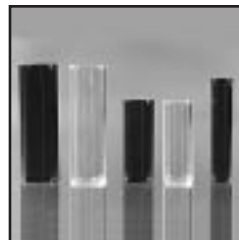
Catalog Number	Size ml	Mouth ID x OD mm	Dia x Hgt mm	Case Pack	Case Price
12-200A	2	7 x 13	15 x 32	144	\$48.39
12-202A	5	13 x 20	22 x 40	144	62.81
12-203A	10	13 x 20	24 X 50	144	68.49



SHELL VIALS

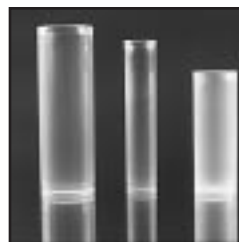
GLASS

Size ml	Vial Size	Plug Size	Vial Color	Case Pack	Product Number	Case Price
1.0	8 x 40	8mm	Clear	200	12-180	\$18.20
1.0	8 x 40	8mm	Amber	200	12-180A	21.70
2.0	12 x 32	12mm	Clear	100	12-181	11.12
2.0	12 x 32	12mm	Amber	100	12-181A	13.15
4.0	15 x 45	15mm	Clear	100	12-182	12.15
4.0	15 x 45	15mm	Amber	100	12-182A	14.15



POLYPROPYLENE

Size ml	Vial Size	Plug Size	Case Pack	Product Number	Case Price
1.0	8 x 40	8mm	200	12-183	\$24.25
2.0	12 x 32	12mm	100	12-184	12.15
4.0	15 x 45	15mm	100	12-185	13.14



POLYPROPYLENE LIMITED VOLUME

Size ml	Vial Size	Plug Size	Case Pack	Product Number	Case Price
.7	8 x 40	8mm	100	12-186	\$11.22
3.0	15 x 45	15mm	100	12-187	20.40

8MM SNAP PLUG CAPS

Product Number	Description	Case Pack	Case Price
34-200	8mm Clear, Silicone Lined	200	\$15.00
34-201	8mm Clear Unlined	200	6.00
34-201B	8mm Blue Unlined	200	6.50
34-201G	8mm Green Unlined	200	6.50
34-201R	8mm Red Unlined	200	6.50
34-201Y	8mm Yellow Unlined	200	6.50
34-202	8mm Natural Starburst	200	7.15

12MM SNAP PLUG

Product Number	Description	Case Pack	Case Price
34-210	12mm Starburst Natural	100	\$5.50



15MM SNAP PLUG

Product Number	Description	Case Pack	Case Price
34-215	15mm Starburst Natural	100	\$5.65

SLS-LUX Scientific

VIALS

SCINTILLATION VIALS

HIGH DENSITY POLYETHYLENE WITH CAPS ATTACHED

Size ml	Vial Size	Finish	Cap Material	Cap Liner	Case Pack	Product Number	Case Price
20	27 x 61	22/400	Polypropylene	Foamed Polyethylene	500	12-350	\$87.40
20	27 x 61	22/400	Polypropylene	Metal Foil	500	12-351	87.40
20	27 x 61	22/400	Urea	Metal Foil	500	12-352	103.97
20	27 x 61	22/400	Urea	Polycone	500	12-353	145.42



WITH SCREW CAPS PACKED SEPARATELY Caps are packed in polyethylene bags of 100 pieces

Size ml	Vial Size	Finish	Cap Material	Cap Liner	Case Pack	Product Number	Case Price
20	27 x 61	22/400	Polypropylene	Foamed Polyethylene	500	12-450	\$88.14
20	27 x 61	22/400	Polypropylene	Metal Foil	500	12-451	88.90
20	27 x 61	22/400	Urea	Metal Foil	500	12-452	113.78
20	27 x 61	22/400	Urea	Polycone	500	12-453	145.33
20	27 x 61	22/400	Without Cap		500	12-455	76.00

SCINTILLATION VIALS BOROSILICATE GLASS WITH CAPS ATTACHED



CLEAR

Size ml	Vial Size	Finish	Cap Material	Cap Liner	Case Pack	Product Number	Case Price
20	28 x 61	22/400	Polypropylene	Foam Polyethylene	500	12-210	\$129.62
7	17 x 56	15/425	Polypropylene	Foam Polyethylene	500	12-211	123.00
20	28 x 61	22/400	Polypropylene	Pulp/Foil	500	12-212	130.67
7	17 x 56	15/425	Polypropylene	Pulp/Foil	500	12-213	124.00
20	28 x 61	22/400	Urea	Pulp/Foil	500	12-214	139.84
7	17 x 56	15/425	Urea	Pulp/Foil	500	12-215	132.80
20	28 x 61	22/400	Urea	Polycone	500	12-216	164.31
7	17 x 56	15/425	Urea	Polycone	500	12-217	156.10
20	28 x 61	22/400	Polypropylene	Teflon	500	12-218	180.56
7	17 x 56	15/425	Polypropylene	Teflon	500	12-219	172.00
20	28 x 61	22/400	Open Top	Teflon/Silicone	500	12-220	252.70
7	17 x 56	15/425	Polypropylene	Teflon/Silicone	500	12-221	240.00

WITH SCREW CAPS PACKED SEPARATELY Caps are packed in polyethylene bags of 100 pieces

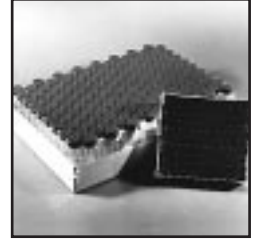
Size ml	Vial Size	Finish	Cap Material	Cap Liner	Case Pack	Product Number	Case Price
20	28 x 61	22/400	Polypropylene	Foam Polyethylene	500	12-310	\$130.65
7	17 x 56	15/425	Polypropylene	Foam Polyethylene	500	12-311	124.12
20	28 x 61	22/400	Polypropylene	Pulp/Foil	500	12-312	135.21
7	17 x 56	15/425	Polypropylene	Pulp/Foil	500	12-313	128.45
20	28 x 61	22/400	Urea	Pulp/Foil	500	12-314	144.35
7	17 x 56	15/425	Urea	Pulp/Foil	500	12-315	137.00
20	28 x 61	22/400	Urea	Polycone	500	12-316	170.29
7	17 x 56	15/425	Urea	Polycone	500	12-317	162.00
20	28 x 61	22/400	Polypropylene	Teflon	500	12-318	183.60
7	17 x 56	15/425	Polypropylene	Teflon	500	12-319	175.40
20	28 x 61	22/400	Open Top	Teflon/Silicone	500	12-320	257.75
7	17 x 56	15/425	Polypropylene	Teflon/Silicone	500	12-321	244.80
20	28 x 57	22/400	Without Cap		500	12-322	112.25
7	17 x 56	15/425	Without Cap		500	12-323	107.63

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VIALS

PRECLEANED SCREW THREAD VIALS ASSEMBLED WITH TEFLON® LINED CLOSED TOP CAPS



PRECLEANED TO EPA PROTOCOL "B" CLEAR BOROSILICATE GLASS SCREW THREAD VIALS WITH TEFLON® LINED CLOSED TOP CAPS

Size ml	Vial Size	Cap Size	Case Pack	Product Number	Case Price	White Marking Spot	
						Product Number	Case Price
2	12 x 32	8/425	100	12-500	\$29.40	12-500M	\$36.75
2	12 x 32	10/425	100	12-501	29.45	12-501M	36.81
4	15 x 45	13/425	100	12-502	29.54	12-502M	36.92
6	16 x 50	13/425	100	12-503	31.00	12-503M	38.75
8	17 x 60	15/425	100	12-504	32.56	12-504M	40.70
11	19 x 65	15/425	100	12-505	34.20	12-505M	41.04
15	21 x 70	18/400	100	12-506	35.90	12-506M	44.88
20	27 x 51	24/400	100	12-507	51.23	12-507M	64.06
22	23 x 85	20/400	100	12-508	52.25	12-508M	65.30
25	27 x 70	24/400	100	12-509	53.30	12-509M	66.62
30	25 x 95	22/400	100	12-510	55.96	12-510M	69.95
40	27 x 95	24/400	100	12-511	57.75	12-511M	72.18
60	27 x 140	24/400	100	12-512	84.00	12-512M	105.00

AMBER BOROSILICATE GLASS SCREW THREAD VIALS WITH TEFLON LINED CLOSED TOP CAPS.

Size ml	Vial Size	Cap Size	Case Pack	Product Number	Case Price	White Marking Spot	
						Product Number	Case Price
2	12 x 32	8/425	100	12-515	\$30.94	12-515M	\$38.68
2	12 x 32	10/425	100	12-516	31.00	12-516M	38.75
4	15 x 45	13/425	100	12-517	31.08	12-517M	38.85
8	17 x 60	15/425	100	12-518	32.64	12-518M	40.80
11	19 x 65	15/425	100	12-519	34.26	12-519M	42.82
15	21 x 70	18/400	100	12-520	35.98	12-520M	44.98
20	27 x 51	24/400	100	12-521	59.50	12-521M	74.38
25	27 x 70	24/400	100	12-522	61.00	12-522M	76.25
40	27 x 95	24/400	100	12-523	63.00	12-523M	78.75
60	27 x 140	24/400	100	12-524	98.00	12-524M	122.50

SLS-LUX Scientific

PRECLEANED SCREW THREAD VIALS ASSEMBLED WITH OPEN TOP CAPS AND TEFLON®/SILICONE SEPTA

PRECLEANED TO EPA PROTOCOL "B"
CLEAR BOROSILICATE GLASS SCREW THREAD VIALS WITH OPEN
TOP CAP AND TEFLON/SILICONE SEPTA. SEPTA IS .010" PTFE
BONDED TO .090" SILICONE.



VIALS

Size ml	Vial Size	Cap Size	Case Pack	Product Number	Case Price	White Marking Spot	
						Product Number	Case Price
2	12 x 32	8/425	100	12-530	\$35.00	12-530M	\$43.75
2	12 x 32	10/425	100	12-531	35.70	12-531M	44.62
4	15 x 45	13/425	100	12-532	41.85	12-532M	52.31
6	16 x 50	13/425	100	12-533	43.84	12-533M	54.92
8	17 x 60	15/425	100	12-534	46.14	12-534M	57.67
11	19 x 65	15/425	100	12-535	48.45	12-535M	60.56
15	21 x 70	18/400	100	12-536	50.86	12-536M	63.58
20	27 x 57	24/400	100	12-537	54.86	12-537M	68.58
22	23 x 85	20/400	100	12-538	55.95	12-538M	69.94
25	27 x 70	24/400	100	12-539	57.08	12-539M	71.35
30	25 x 95	22/400	100	12-540	59.94	12-540M	74.93
40	27 x 95	24/400	100	12-541	61.88	12-541M	77.35
60	27 x 140	24/400	100	12-542	88.66	12-542M	110.82

AMBER BOROSILICATE GLASS SCREW THREAD VIALS WITH OPEN TOP CAP AND TEFLON/SILICONE SEPTA.

Size ml	Vial Size	Case Size	Case Pack	Product Number	Case Price	White Marking Spot	
						Product Number	Case Price
2	12 x 32	8/425	100	12-545	\$36.40	12-545M	\$45.50
2	12 x 32	10/425	100	12-546	36.76	12-546M	45.95
4	15 x 45	13/425	100	12-547	42.00	12-547M	52.50
8	17 x 60	15/425	100	12-548	44.10	12-548M	55.12
11	19 x 65	15/425	100	12-549	46.30	12-549M	57.87
15	21 x 70	18/400	100	12-550	48.62	12-550M	60.78
20	27 x 57	24/400	100	12-551	58.18	12-551M	72.72
25	27 x 70	24/400	100	12-552	61.10	12-552M	76.38
40	27 X 95	24/400	100	12-553	67.65	12-553M	84.56
60	27 x 140	24/400	100	12-554	102.67	12-554M	128.34

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VIALS

PRE-ASSEMBLED SCREW CAP VIALS WITH OPEN TOP CAPS AND TEFLON®/SILICONE SEPTA

CLEAR BOROSILICATE GLASS SCREW THREAD VIALS WITH OPEN TOP CAP AND TEFLON/SILICONE SEPTA. SEPTA IS .010" PTFE BONDED TO .090" SILICONE



Size ml	Vial Size	Cap Size	Case Pack	Product Number	Case Price	White Marking Spot	
						Product Number	Case Price
2	12 x 32	8/425	100	12-560	\$30.80	12-560M	\$38.50
2	12 x 32	10/425	100	12-561	30.96	12-561M	38.70
4	15 x 45	13/425	100	12-562	37.90	12-562M	47.38
6	16 x 50	13/425	100	12-563	39.00	12-563M	48.75
8	17 x 60	15/425	100	12-564	40.98	12-564M	51.22
11	19 x 65	15/425	100	12-565	43.04	12-565M	53.80
15	21 x 70	18/400	100	12-566	44.33	12-566M	55.28
20	27 x 57	24/400	100	12-567	45.50	12-567M	56.88
22	23 x 85	20/400	100	12-568	46.64	12-568M	58.30
25	27 x 70	24/400	100	12-569	47.80	12-569M	59.75
30	25 x 95	22/400	100	12-570	50.20	12-570M	62.75
40	27 x 95	24/400	100	12-571	53.37	12-571M	66.71
60	27 x 140	24/400	100	12-572	65.33	12-572M	81.66

AMBER BOROSILICATE GLASS SCREW THREAD VIALS WITH OPEN TOP CAP AND TEFLON/SILICONE SEPTA.

Size ml	Vial Size	Cap Size	Case Pack	Product Number	Case Price	White Marking Spot	
						Product Number	Case Price
2	12 x 32	8/425	100	12-575	\$31.80	12-575M	\$39.75
2	12 x 32	10/425	100	12-576	31.96	12-576M	39.95
4	15 x 45	13/425	100	12-577	41.60	12-577M	52.00
8	17 x 60	15/425	100	12-578	42.43	12-578M	53.03
11	19 x 65	15/425	100	12-579	43.28	12-579M	54.10
15	21 x 70	18/400	100	12-580	45.44	12-580M	56.80
20	27 x 57	24/400	100	12-581	49.00	12-581M	61.25
25	27 x 70	24/400	100	12-582	54.45	12-582M	68.31
40	27 x 95	24/400	100	12-583	57.18	12-583M	71.48
60	27 x 140	24/400	100	12-584	79.33	12-584M	99.16

SLS-LUX Scientific

VIALS

SCREW THREAD VIALS WITHOUT CAPS

CLEAR BOROSILICATE GLASS SCREW THREAD WITHOUT CAPS



Size ml	Vial Size	Cap Size	Case Pack	Product Number	White Marking Spot		
					Case Price	Product Number	Case Price
2	12 x 32	8/425	100	12-590	\$15.80	12-590M	\$19.75
2	12 x 32	10/425	100	12-591	16.59	12-591M	20.73
4	15 x 45	13/425	100	12-592	16.80	12-592M	21.00
6	16 x 50	13/425	100	12-593	18.15	12-593M	22.68
8	17 x 60	15/425	100	12-594	19.60	12-594M	24.50
11	19 x 65	15/425	100	12-595	21.16	12-595M	26.45
15	21 x 70	18/400	100	12-596	22.85	12-596M	28.56
20	27 x 57	24/400	100	12-597	24.68	12-597M	30.85
22	23 x 85	20/400	100	12-598	36.00	12-598M	45.00
25	27 x 70	24/400	100	12-599	37.80	12-599M	47.25
30	25 x 95	22/400	100	12-600	39.69	12-600M	49.60
40	27 x 95	24/400	100	12-601	41.67	12-601M	52.08
60	27 x 140	24/400	100	12-602	45.84	12-602M	57.30

AMBER BOROSILICATE GLASS SCREW THREAD VIALS WITHOUT CAPS

Size ml	Vial Size	Cap Size	Case Pack	Product Number	White Marking Spot		
					Case Price	Product Number	Case Price
2	12 x 32	8/425	100	12-610	\$16.40	12-610M	\$20.50
2	12 x 32	10/425	100	12-611	17.22	12-611M	21.52
4	15 x 45	13/425	100	12-612	17.80	12-612M	22.25
8	17 x 60	15/425	100	12-613	19.22	12-613M	24.00
11	19 x 65	15/425	100	12-614	21.15	12-614M	26.44
15	21 x 70	18/400	100	12-615	23.26	12-615M	29.08
20	27 x 57	24/400	100	12-616	25.58	12-616M	31.98
25	27 x 70	24/400	100	12-617	39.69	12-617M	49.60
40	27 x 95	24/400	100	12-618	45.00	12-618M	56.25
60	27 x 140	24/400	100	12-619	58.00	12-619M	72.50

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VIALS

PRE-ASSEMBLED SCREW CAP VIALS WITH RUBBER LINED CLOSURE

CLEAR BOROSILICATE GLASS SCREW THREAD VIALS WITH RUBBER LINED CLOSURE



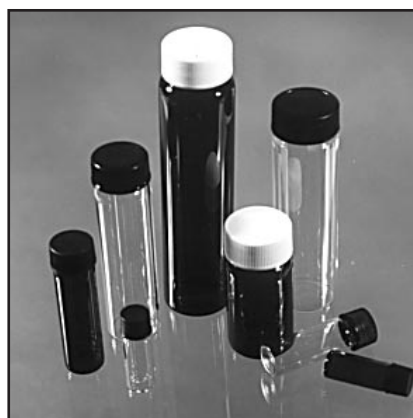
Size ml	Vial Size	Cap Size	Case Pack	Product Number	Case Price	White Marking Spot	
						Product Number	Case Price
2	12 x 32	8/425	100	12-630	\$22.54	12-630M	\$28.18
2	12 x 32	10/425	100	12-631	22.98	12-631M	28.72
4	15 x 45	13/425	100	12-632	23.52	12-632M	29.40
6	16 x 50	13/425	100	12-633	25.87	12-633M	32.33
8	17 x 60	15/425	100	12-634	28.46	12-634M	35.58
11	19 x 65	15/425	100	12-635	31.30	12-635M	39.12
15	21 x 70	18/400	100	12-636	34.45	12-636M	43.06
20	27 x 57	24/400	100	12-637	41.16	12-637M	51.45
22	23 x 85	20/400	100	12-638	43.32	12-638M	54.15
25	27 x 70	24/400	100	12-639	45.48	12-639M	56.85
30	25 x 95	22/400	100	12-640	47.76	12-640M	59.70
40	27 x 95	24/400	100	12-641	49.54	12-641M	61.92
60	27 x 140	24/400	100	12-642	59.46	12-642M	74.32

AMBER BOROSILICATE GLASS SCREW THREAD VIALS WITH RUBBER LINED CLOSURE

Size ml	Vial Size	Cap Size	Case Pack	Product Number	Case Price	White Marking Spot	
						Product Number	Case Price
2	12 x 32	8/425	100	12-650	\$23.52	12-650M	\$29.40
2	12 x 32	10/425	100	12-651	25.87	12-651M	32.34
4	15 x 45	13/425	100	12-652	26.95	12-652M	33.68
8	17 x 60	15/425	100	12-653	31.04	12-653M	38.80
11	19 x 65	15/425	100	12-654	35.64	12-654M	44.55
15	21 x 70	18/400	100	12-655	40.96	12-655M	51.20
20	27 x 57	24/400	100	12-656	46.30	12-656M	57.87
25	27 x 70	24/400	100	12-657	50.96	12-657M	63.70
40	27 x 95	24/400	100	12-658	55.26	12-658M	69.08
60	27 x 140	24/400	100	12-659	73.18	12-659M	91.48

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PRE-ASSEMBLED SCREW CAP VIALS WITH POLYVINYL-PULP LINED CLOSURE



VIALS

CLEAR BOROSILICATE GLASS SCREW THREAD VIALS WITH POLYVINYL-PULP LINED CLOSURE.

Size ml	Vial Size	Cap Size	Case Pack	Product Number	Case Price	White Marking Spot	
						Product Number	Case Price
2	12 x 32	8/425	100	12-670	\$21.85	12-670M	\$27.31
2	12 x 32	10/425	100	12-671	22.28	12-671M	27.85
4	15 x 45	13/425	100	12-672	22.80	12-672M	28.50
6	16 x 50	13/425	100	12-673	25.08	12-673M	31.35
8	17 x 60	15/425	100	12-674	27.59	12-674M	34.48
11	19 x 65	15/425	100	12-675	30.34	12-675M	37.92
15	21 x 70	18/400	100	12-676	33.38	12-676M	41.72
20	27 x 57	24/400	100	12-677	39.90	12-677M	49.88
22	23 x 85	20/400	100	12-678	42.00	12-678M	52.50
25	27 x 70	24/400	100	12-679	44.08	12-679M	55.10
30	25 x 95	22/400	100	12-680	46.29	12-680M	57.86
40	27 x 95	24/400	100	12-681	48.00	12-681M	60.00
60	27 x 140	24/400	100	12-682	57.64	12-682M	72.05

AMBER BOROSILICATE GLASS SCREW THREAD VIALS

Size ml	Vial Size	Cap Size	Case Pack	Product Number	Case Price	White Marking Spot	
						Product Number	Case Price
2	12 x 32	8/425	100	12-690	\$22.80	12-690M	\$28.50
2	12 x 32	10/425	100	12-691	25.08	12-691M	31.35
4	15 x 45	13/425	100	12-692	26.12	12-692M	32.65
8	17 x 60	15/425	100	12-693	30.08	12-693M	37.60
11	19 x 65	15/425	100	12-694	34.55	12-694M	43.18
15	21 x 70	18/400	100	12-695	39.71	12-695M	49.63
20	27 x 57	24/400	100	12-696	44.89	12-696M	56.11
25	27 x 70	24/400	100	12-697	49.40	12-697M	61.75
40	27 x 95	24/400	100	12-698	53.57	12-698M	66.96
60	27 x 140	24/400	100	12-699	70.94	12-699M	88.67

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VIALS

PRE-ASSEMBLED SCREW CAP VIALS WITH TEFLON® LINED CLOSED TOP CAPS



CLEAR BOROSILICATE GLASS SCREW THREAD VIALS WITH TEFLON® LINED CLOSED TOP CAPS

Size ml	Vial Size	Cap Size	Case Pack	Product Number	Case Price	White Marking Spot	
						Product Number	Case Price
2	12 x 32	8/425	100	12-710	\$23.00	12-710M	\$28.75
2	12 x 32	10/425	100	12-711	23.45	12-711M	29.31
4	15 x 45	13/425	100	12-712	24.00	12-712M	30.00
6	16 x 50	13/425	100	12-713	26.40	12-713M	33.00
8	17 x 60	15/425	100	12-714	29.04	12-714M	36.30
11	19 x 65	15/425	100	12-715	31.94	12-715M	39.92
15	21 x 70	18/400	100	12-716	35.14	12-716M	43.92
20	27 x 57	24/400	100	12-717	42.00	12-717M	52.50
22	23 x 85	20/400	100	12-718	44.20	12-718M	55.25
25	27 x 70	24/400	100	12-719	46.41	12-719M	58.00
30	25 x 95	22/400	100	12-720	48.73	12-720M	60.91
40	27 x 95	24/400	100	12-721	50.55	12-721M	63.18
60	27 x 140	24/400	100	12-722	60.67	12-722M	75.84

AMBER BOROSILICATE GLASS SCREW THREAD VIALS WITH TEFLON® LINED CLOSED TOP CAPS

Size ml	Vial Size	Cap Size	Case Pack	Product Number	Case Price	White Marking Spot	
						Product Number	Case Price
2	12 x 32	8/425	100	12-730	\$24.00	12-730M	\$30.00
2	12 x 32	10/425	100	12-731	26.40	12-731M	33.00
4	15 x 45	13/425	100	12-732	27.50	12-732M	34.38
8	17 x 60	15/425	100	12-733	31.67	12-733M	39.58
11	19 x 65	15/425	100	12-734	36.37	12-734M	45.46
15	21 x 70	18/400	100	12-735	41.80	12-735M	52.25
20	27 x 57	24/400	100	12-736	47.25	12-736M	59.06
25	27 x 70	24/400	100	12-737	52.00	12-737M	65.00
40	27 x 95	24/400	100	12-738	56.39	12-738M	70.48
60	27 x 140	24/400	100	12-739	74.67	12-739M	93.34

SLS-LUX Scientific

VIALS

CONVENIENCE PACKS SAMPLE VIALS

15X45 CRIMP TOP/SNAP RING™ VIALS WITH 13MM SNAP CAP

CLEAR

Vials are available in Clear or Amber Borosilicate Glass. Convenience Packs contain 100 shrink-wrapped vials and 100 lined 13mm plastic snap caps.



Size ml	Vial Size	Snap Cap Size	Snap Cap Color/ Liner	Case Pack	Product Number	White Marking Spot		
						Case Price	Product Number	Case Price
4.0	15 x 45	13mm	Natural, PTFE	100	12-750	\$28.28	12-750M	\$35.35
4.0	15 x 45	13mm	Natural, PTFE/Natural Rubber	100	12-751	30.32	12-751M	37.90
4.0	15 x 45	13mm	Natural, PTFE/Silicone	100	12-752	38.10	12-752M	47.62
4.0	15 x 45	13mm	Natural, PTFE/Silicone Starburst	100	12-753	44.70	12-753M	55.88
4.0	15 x 45	13mm	Natural, PTFE/Silicone/PTFE	100	12-754	43.00	12-754M	53.75
4.0	15 x 45	13mm	Natural, PTFE/Silicone/PTFE w/Starburst	100	12-755	49.00	12-755M	61.25

AMBER

Size ml	Vial Size	Snap Cap Size	Snap Cap Color/ Liner	Case Pack	Product Number	White Marking Spot		
						Case Price	Product Number	Case Price
4.0	15 x 45	13mm	Natural, PTFE	100	12-760	\$30.28	12-760M	\$37.85
4.0	15 x 45	13mm	Natural, PTFE/Natural Rubber	100	12-761	32.32	12-761M	47.38
4.0	15 x 45	13mm	Natural, PTFE/Silicone	100	12-762	40.10	12-762M	59.52
4.0	15 x 45	13mm	Natural, PTFE/Silicone Starburst	100	12-763	46.70	12-763M	69.85
4.0	15 x 45	13mm	Natural, PTFE/Silicone/PTFE	100	12-764	45.00	12-764M	67.16
4.0	15 x 45	13mm	Natural, PTFE/Silicone/PTFE w/Starburst	100	12-765	51.00	12-765M	76.56

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VIALS

CONVENIENCE PACK SAMPLE VIALS

12 X 32MM WIDE NECK CRIMP TOP/SNAP RING™ VIALS FOR USE WITH 11MM SNAP CAPS CLEAR

Vials are available in Clear or Amber Borosilicate Glass. Convenience Packs contain 100 shrink-wrapped vials and 100 lined plastic snap caps. Snap caps are available in clear, blue, green, red or yellow.



Size ml	Vial Size	Snap Cap Size	Snap Cap Color/Liner	Case Pack	Product Number	Case Price	White Marking Product Number	Spot Case Price
2.0	12 x 32	11mm	Clear Snap Cap, PTFE	100	12-770	\$22.25	12-770M	\$27.81
2.0	12 x 32	11mm	Clear Snap Cap, Starburst, PTFE	100	12-771	29.96	12-771M	37.45
2.0	12 x 32	11mm	Blue Snap Cap, PTFE	100	12-770B	22.75	12-770BM	28.43
2.0	12 x 32	11mm	Green Snap Cap, PTFE	100	12-770G	22.75	12-770GM	28.43
2.0	12 x 32	11mm	Red Snap Cap, PTFE	100	12-770R	22.75	12-770RM	28.43
2.0	12 x 32	11mm	Yellow Snap Cap, PTFE	100	12-770Y	22.75	12-770YM	28.43
2.0	12 x 32	11mm	Clear Snap Cap, Natural Rubber	100	12-772	24.70	12-772M	30.87
2.0	12 x 32	11mm	Blue Snap Cap, Natural Rubber	100	12-772B	25.20	12-772BM	31.50
2.0	12 x 32	11mm	Green Snap Cap, Natural Rubber	100	12-772G	25.20	12-772GM	31.50
2.0	12 x 32	11mm	Red Snap Cap, Natural Rubber	100	12-772R	25.20	12-772RM	31.50
2.0	12 x 32	11mm	Yellow Snap Cap, Natural Rubber	100	12-772Y	25.20	12-772YM	31.50
2.0	12 x 32	11mm	Clear Snap Cap, PTFE/Silicone	100	12-773	28.70	12-773M	35.88
2.0	12 x 32	11mm	Blue Snap Cap, PTFE/Silicone	100	12-773B	29.20	12-773BM	36.50
2.0	12 x 32	11mm	Green Snap Cap, PTFE/Silicone	100	12-773G	29.20	12-773GM	36.50
2.0	12 x 32	11mm	Red Snap Cap, PTFE/Silicone	100	12-773R	29.20	12-773RM	36.50
2.0	12 x 32	11mm	Yellow Snap Cap, PTFE/Silicone	100	12-773Y	29.20	12-773YM	36.50
2.0	12 x 32	11mm	Clear Snap Cap, PTFE/Silicone with Slit	100	12-774	41.40	12-774M	49.68
2.0	12 x 32	11mm	Blue Snap Cap, PTFE/Silicone with Slit	100	12-774B	41.90	12-774BM	49.68
2.0	12 x 32	11mm	Green Snap Cap, PTFE/Silicone with Slit	100	12-774G	41.90	12-774GM	49.68
2.0	12 x 32	11mm	Red Snap Cap, PTFE/Silicone with Slit	100	12-774R	41.90	12-774RM	49.68
2.0	12 x 32	11mm	Yellow Snap Cap, PTFE/Silicone with Slit	100	12-774Y	41.90	12-774YM	49.68
2.0	12 x 32	11mm	Clear Snap Cap, PTFE/Silicone/PTFE	100	12-775	32.25	12-775M	40.31
2.0	12 x 32	11mm	Blue Snap Cap, PTFE/Silicone/PTFE	100	12-775B	32.75	12-775BM	40.93
2.0	12 x 32	11mm	Green Snap Cap, PTFE/Silicone/PTFE	100	12-775G	32.75	12-775GM	40.93
2.0	12 x 32	11mm	Red Snap Cap, PTFE/Silicone/PTFE	100	12-775R	32.75	12-775RM	40.93
2.0	12 x 32	11mm	Yellow Snap Cap, PTFE/Silicone/PTFE	100	12-775Y	32.75	12-775YM	40.93
2.0	12 x 32	11mm	Clear Snap Cap, PTFE/Silicone/PTFE Starburst	100	12-776	50.55	12-776M	60.67
2.0	12 x 32	11mm	Blue Snap Cap, PTFE/Silicone/PTFE Starburst	100	12-776B	51.05	12-776BM	61.26
2.0	12 x 32	11mm	Green Snap Cap, PTFE/Silicone/PTFE Starburst	100	12-776G	51.05	12-776GM	61.26
2.0	12 x 32	11mm	Red Snap Cap, PTFE/Silicone/PTFE Starburst	100	12-776R	51.05	12-776RM	61.26
2.0	12 x 32	11mm	Yellow Snap Cap, PTFE/Silicone/PTFE Starburst	100	12-776Y	51.05	12-776YM	61.26

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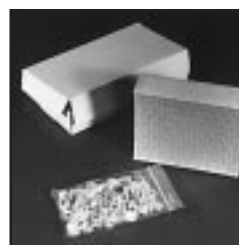
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CONVENIENCE PACK SAMPLE VIALS

12 X 32MM WIDE NECK CRIMP TOP/SNAP RING™ VIALS FOR USE WITH 11MM SNAP CAPS

AMBER

Vials are available in Clear or Amber Borosilicate Glass. Convenience Packs contain 100 shrink-wrapped vials and 100 lined plastic snap caps. Snap caps are available in clear, blue, green, red or yellow.



VIALS

Size ml	Vial Size	Snap Cap Size	Snap Cap Color/Liner	Case Pack	Product Number	Case Price	White Marking Product Number	Spot Case Price
2.0	12 x 32	11mm	Clear Snap Cap, PTFE	100	12-780	\$23.25	12-780M	\$28.81
2.0	12 x 32	11mm	Clear Snap Cap, Starburst, PTFE	100	12-781	30.96	12-781M	38.45
2.0	12 x 32	11mm	Blue Snap Cap, PTFE	100	12-780B	23.75	12-780BM	29.43
2.0	12 x 32	11mm	Green Snap Cap, PTFE	100	12-780G	23.75	12-780GM	29.43
2.0	12 x 32	11mm	Red Snap Cap, PTFE	100	12-780R	23.75	12-780RM	29.43
2.0	12 x 32	11mm	Yellow Snap Cap, PTFE	100	12-780Y	23.75	12-780YM	29.43
2.0	12 x 32	11mm	Clear Snap Cap, Natural Rubber	100	12-782	25.70	12-782M	31.87
2.0	12 x 32	11mm	Blue Snap Cap, Natural Rubber	100	12-782B	26.20	12-782BM	32.50
2.0	12 x 32	11mm	Green Snap Cap, Natural Rubber	100	12-782G	26.20	12-782GM	32.50
2.0	12 x 32	11mm	Red Snap Cap, Natural Rubber	100	12-782R	26.20	12-782RM	32.50
2.0	12 x 32	11mm	Yellow Snap Cap, Natural Rubber	100	12-782Y	26.20	12-782YM	32.50
2.0	12 x 32	11mm	Clear Snap Cap, PTFE/Silicone	100	12-783	29.70	12-783M	36.88
2.0	12 x 32	11mm	Blue Snap Cap, PTFE/Silicone	100	12-783B	30.20	12-783BM	37.50
2.0	12 x 32	11mm	Green Snap Cap, PTFE/Silicone	100	12-783G	30.20	12-783GM	37.50
2.0	12 x 32	11mm	Red Snap Cap, PTFE/Silicone	100	12-783R	30.20	12-783RM	37.50
2.0	12 x 32	11mm	Yellow Snap Cap, PTFE/Silicone	100	12-783Y	30.20	12-783YM	37.50
2.0	12 x 32	11mm	Clear Snap Cap, PTFE/Silicone with Slit	100	12-784	42.40	12-784M	50.68
2.0	12 x 32	11mm	Blue Snap Cap, PTFE/Silicone with Slit	100	12-784B	42.90	12-784BM	50.68
2.0	12 x 32	11mm	Green Snap Cap, PTFE/Silicone with Slit	100	12-784G	42.90	12-784GM	50.68
2.0	12 x 32	11mm	Red Snap Cap, PTFE/Silicone with Slit	100	12-784R	42.90	12-784RM	50.68
2.0	12 x 32	11mm	Yellow Snap Cap, PTFE/Silicone with Slit	100	12-784Y	42.90	12-784YM	50.68
2.0	12 x 32	11mm	Clear Snap Cap, PTFE/Silicone/PTFE	100	12-785	33.25	12-785M	41.31
2.0	12 x 32	11mm	Blue Snap Cap, PTFE/Silicone/PTFE	100	12-785B	33.75	12-785BM	41.93
2.0	12 x 32	11mm	Green Snap Cap, PTFE/Silicone/PTFE	100	12-786G	33.75	12-786GM	41.93
2.0	12 x 32	11mm	Red Snap Cap, PTFE/Silicone/PTFE	100	12-786R	33.75	12-786RM	41.93
2.0	12 x 32	11mm	Yellow Snap Cap, PTFE/Silicone/PTFE	100	12-786Y	33.75	12-786YM	41.93
2.0	12 x 32	11mm	Clear Snap Cap, PTFE/Silicone/PTFE Starburst	100	12-787	51.55	12-787M	61.67
2.0	12 x 32	11mm	Blue Snap Cap, PTFE/Silicone/PTFE Starburst	100	12-787B	52.05	12-787BM	62.26
2.0	12 x 32	11mm	Green Snap Cap, PTFE/Silicone/PTFE Starburst	100	12-787G	52.05	12-787GM	62.26
2.0	12 x 32	11mm	Red Snap Cap, PTFE/Silicone/PTFE Starburst	100	12-787R	52.05	12-787RM	62.26
2.0	12 x 32	11mm	Yellow Snap Cap, PTFE/Silicone/PTFE Starburst	100	12-787Y	52.05	12-787YM	62.26

CONVENIENCE PACK SAMPLE VIALS

15 X 45MM SCREW THREAD VIALS 13MM SCREW THREAD FINISH

AMBER

Vials are available in Clear or Amber Borosilicate Glass. Convenience Packs contain 100 shrink-wrapped vials and 100 each of open top polypropylene closure and septa in plastic bags. Closures are available in black, blue, green, red, yellow and white. With a choice of PTFE, PTFE/Silicone, PTFE/Silicone/PTFE, or Viton Septa.



Size ml	Vial Size	Cap Size	Cap Color/ Septa	Case Pack	Product Number	Case Price	White Marking Spot Product Number	Case Price
4.0	15 x 45	13mm	Black Cap, PTFE	100	12-790	\$22.60	12-790M	\$28.00
4.0	15 x 45	13mm	Blue Cap, PTFE	100	12-790B	22.85	12-790BM	28.31
4.0	15 x 45	13mm	Green Cap, PTFE	100	12-790G	22.85	12-790GM	28.31
4.0	15 x 45	13mm	Red Cap, PTFE	100	12-790R	22.85	12-790RM	28.31
4.0	15 x 45	13mm	Yellow Cap, PTFE	100	12-790Y	22.85	12-790YM	28.31
4.0	15 x 45	13mm	White Cap, PTFE	100	12-790W	22.85	12-790WM	28.31
4.0	15 x 45	13mm	Black Cap, PTFE/Silicone	100	12-791	35.10	12-791M	43.37
4.0	15 x 45	13mm	Blue Cap, PTFE/Silicone	100	12-791B	35.35	12-791BM	43.62
4.0	15 x 45	13mm	Green Cap, PTFE/Silicone	100	12-791G	35.35	12-791GM	43.62
4.0	15 x 45	13mm	Red Cap, PTFE/Silicone	100	12-791R	35.35	12-791RM	43.62
4.0	15 x 45	13mm	Yellow Cap, PTFE/Silicone	100	12-791Y	35.35	12-791YM	43.62
4.0	15 x 45	13mm	White Cap, PTFE/Silicone	100	12-791W	35.35	12-791WM	43.62
4.0	15 x 45	13mm	Black Cap, PTFE/Butyl Rubber	100	12-792	28.20	12-792M	35.00
4.0	15 x 45	13mm	Blue Cap, PTFE/Butyl Rubber	100	12-792B	28.45	12-792BM	35.30
4.0	15 x 45	13mm	Green Cap, PTFE/Butyl Rubber	100	12-792G	28.45	12-792GM	35.30
4.0	15 x 45	13mm	Red Cap, PTFE/Butyl Rubber	100	12-792R	28.45	12-792RM	35.30
4.0	15 x 45	13mm	Yellow Cap, PTFE/Butyl Rubber	100	12-792Y	28.45	12-792YM	35.30
4.0	15 x 45	13mm	White Cap, PTFE/Butyl Rubber	100	12-792W	28.45	12-792WM	35.30
4.0	15 x 45	13mm	Black Cap, PTFE/Silicone/PTFE	100	12-793	38.80	12-793M	48.25
4.0	15 x 45	13mm	Blue Cap, PTFE/Silicone/PTFE	100	12-793B	39.05	12-793BM	48.50
4.0	15 x 45	13mm	Green Cap, PTFE/Silicone/PTFE	100	12-793G	39.05	12-793GM	48.50
4.0	15 x 45	13mm	Red Cap, PTFE/Silicone/PTFE	100	12-793R	39.05	12-793RM	48.50
4.0	15 x 45	13mm	Yellow Cap, PTFE/Silicone/PTFE	100	12-793Y	39.05	12-793YM	48.50
4.0	15 x 45	13mm	White Cap, PTFE/Silicone/PTFE	100	12-793W	39.05	12-793WM	48.50
4.0	15 x 45	13mm	Black Cap, Black Viton Septa	100	12-794	48.10	12-794M	59.87

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CONVENIENCE PACK SAMPLE VIALS

15 X 45MM SCREW THREAD VIALS 13MM SCREW THREAD FINISH

CLEAR

Vials are available in Clear or Amber Borosilicate Glass. Convenience Packs contain 100 shrink-wrapped vials and 100 each of open top polypropylene closure and septa in plastic bags. Closures are available in black, blue, green, red, yellow and white. With a choice of PTFE, PTFE/Silicone, PTFE/Silicone/PTFE, or Viton Septa.



Size ml	Vial Size	Cap Size	Cap Color/ Septa	Case Pack	Product Number	Case Price	White Marking Spot Product Number	Case Price
4.0	15 x 45	13mm	Black Cap, PTFE	100	12-800	\$21.60	12-800M	\$27.00
4.0	15 x 45	13mm	Blue Cap, PTFE	100	12-800B	21.85	12-800BM	27.31
4.0	15 x 45	13mm	Green Cap, PTFE	100	12-800G	21.85	12-800GM	27.31
4.0	15 x 45	13mm	Red Cap, PTFE	100	12-800R	21.85	12-800RM	27.31
4.0	15 x 45	13mm	Yellow Cap, PTFE	100	12-800Y	21.85	12-800YM	27.31
4.0	15 x 45	13mm	White Cap, PTFE	100	12-800W	21.85	12-800WM	27.31
4.0	15 x 45	13mm	Black Cap, PTFE/Silicone	100	12-801	34.10	12-801M	42.38
4.0	15 x 45	13mm	Blue Cap, PTFE/Silicone	100	12-801B	34.35	12-801BM	42.62
4.0	15 x 45	13mm	Green Cap, PTFE/Silicone	100	12-801G	34.35	12-801GM	42.62
4.0	15 x 45	13mm	Red Cap, PTFE/Silicone	100	12-801R	34.35	12-801RM	42.62
4.0	15 x 45	13mm	Yellow Cap, PTFE/Silicone	100	12-801Y	34.35	12-801YM	42.62
4.0	15 x 45	13mm	White Cap, PTFE/Silicone	100	12-801W	34.35	12-801WM	42.62
4.0	15 x 45	13mm	Black Cap, PTFE/Butyl Rubber	100	12-802	27.20	12-802M	34.00
4.0	15 x 45	13mm	Blue Cap, PTFE/Butyl Rubber	100	12-802B	27.45	12-802BM	34.30
4.0	15 x 45	13mm	Green Cap, PTFE/Butyl Rubber	100	12-802G	27.45	12-802GM	34.30
4.0	15 x 45	13mm	Red Cap, PTFE/Butyl Rubber	100	12-802R	27.45	12-802RM	34.30
4.0	15 x 45	13mm	Yellow Cap, PTFE/Butyl Rubber	100	12-802Y	27.45	12-802YM	34.30
4.0	15 x 45	13mm	White Cap, PTFE/Butyl Rubber	100	12-802W	27.45	12-802WM	34.30
4.0	15 x 45	13mm	Black Cap, PTFE/Silicone/PTFE	100	12-803	37.80	12-803M	47.25
4.0	15 x 45	13mm	Blue Cap, PTFE/Silicone/PTFE	100	12-803B	38.05	12-803BM	47.50
4.0	15 x 45	13mm	Green Cap, PTFE/Silicone/PTFE	100	12-803G	38.05	12-803GM	47.50
4.0	15 x 45	13mm	Red Cap, PTFE/Silicone/PTFE	100	12-803R	38.05	12-803RM	47.50
4.0	15 x 45	13mm	Yellow Cap, PTFE/Silicone/PTFE	100	12-804Y	38.05	12-804YM	47.50
4.0	15 x 45	13mm	White Cap, PTFE/Silicone/PTFE	100	12-804W	38.05	12-804WM	47.50
4.0	15 x 45	13mm	Black Cap, Black Viton Septa	100	12-805	47.10	12-805M	58.87

VIALS

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VIALS

CONVENIENCE PACK SAMPLE VIALS

12 X 32MM SCREW THREAD VIALS 10MM SCREW THREAD FINISH

AMBER

Vials are available in Clear or Amber Borosilicate Glass. Convenience Packs contain 100 shrink-wrapped vials and 100 each of open top polypropylene closure and septa in plastic bags. Closures are available in black, blue, green, red, yellow and white. With a choice of PTFE, PTFE/Silicone, PTFE/Silicone/PTFE, or Viton Septa.



Size ml	Vial Size	Cap Size	Cap Color/ Septa	Case Pack	Product Number	Case Price	White Marking Spot Product Number	Case Price
2.0	12 x 32	10mm	Black Cap, PTFE	100	12-810	\$25.30	12-810M	\$31.37
2.0	12 x 32	10mm	Blue Cap, PTFE	100	12-810B	25.55	12-810BM	31.68
2.0	12 x 32	10mm	Green Cap, PTFE	100	12-810G	25.55	12-810GM	31.68
2.0	12 x 32	10mm	Red Cap, PTFE	100	12-810R	25.55	12-810RM	31.68
2.0	12 x 32	10mm	Yellow Cap, PTFE	100	12-810Y	25.55	12-810YM	31.68
2.0	12 x 32	10mm	White Cap, PTFE	100	12-810W	25.55	12-810WM	31.68
2.0	12 x 32	10mm	Black Cap, PTFE/Silicone	100	12-811	30.70	12-811M	38.12
2.0	12 x 32	10mm	Blue Cap, PTFE/Silicone	100	12-811B	30.95	12-811BM	38.43
2.0	12 x 32	10mm	Green Cap, PTFE/Silicone	100	12-811G	30.95	12-811GM	38.43
2.0	12 x 32	10mm	Red Cap, PTFE/Silicone	100	12-811R	30.95	12-811RM	38.43
2.0	12 x 32	10mm	Yellow Cap, PTFE/Silicone	100	12-811Y	30.95	12-811YM	38.43
2.0	12 x 32	10mm	White Cap, PTFE/Silicone	100	12-811W	30.95	12-811WM	38.43
2.0	12 x 32	10mm	Black Cap, PTFE/Butyl Rubber	100	12-812	27.10	12-812M	34.62
2.0	12 x 32	10mm	Blue Cap, PTFE/Butyl Rubber	100	12-813B	27.35	12-813BM	34.94
2.0	12 x 32	10mm	Green Cap, PTFE/Butyl Rubber	100	12-813G	27.35	12-813GM	34.94
2.0	12 x 32	10mm	Red Cap, PTFE/Butyl Rubber	100	12-813R	27.35	12-813RM	34.94
2.0	12 x 32	10mm	Yellow Cap, PTFE/Butyl Rubber	100	12-813Y	27.35	12-813YM	34.94
2.0	12 x 32	10mm	White Cap, PTFE/Butyl Rubber	100	12-813W	27.35	12-813WM	34.94
2.0	12 x 32	10mm	Black Cap, PTFE/Silicone/PTFE	100	12-814	37.90	12-814M	47.12
2.0	12 x 32	10mm	Blue Cap, PTFE/Silicone/PTFE	100	12-814B	38.15	12-814BM	47.44
2.0	12 x 32	10mm	Green Cap, PTFE/Silicone/PTFE	100	12-814G	38.15	12-814GM	47.44
2.0	12 x 32	10mm	Red Cap, PTFE/Silicone/PTFE	100	12-814R	38.15	12-814RM	47.44
2.0	12 x 32	10mm	Yellow Cap, PTFE/Silicone/PTFE	100	12-814Y	38.15	12-814YM	47.44
2.0	12 x 32	10mm	White Cap, PTFE/Silicone/PTFE	100	12-814W	38.15	12-814WM	47.44
2.0	12 x 32	10mm	Black Cap, Black Viton Septa	100	12-815	44.45	12-815M	55.31

SLS-LUX Scientific

CONVENIENCE PACK SAMPLE VIALS

12 X 32MM SCREW THREAD VIALS 10MM SCREW THREAD FINISH

CLEAR

Vials are available in Clear or Amber Borosilicate Glass. Convenience Packs contain 100 shrink-wrapped vials and 100 each of open top polypropylene closure and septa in plastic bags. Closures are available in black, blue, green, red, yellow and white. With a choice of PTFE, PTFE/Silicone, PTFE/Silicone/PTFE, or Viton Septa.



Size ml	Vial Size	Cap Size	Cap Color/ Septa	Case Pack	Product Number	White Marking Spot		
						Case Price	Product Number	Case Price
2.0	12 x 32	10mm	Black Cap, PTFE	100	12-820	\$24.30	12-820M	\$30.37
2.0	12 x 32	10mm	Blue Cap, PTFE	100	12-820B	24.55	12-820BM	30.68
2.0	12 x 32	10mm	Green Cap, PTFE	100	12-820G	24.55	12-820GM	30.68
2.0	12 x 32	10mm	Red Cap, PTFE	100	12-820R	24.55	12-820RM	30.68
2.0	12 x 32	10mm	Yellow Cap, PTFE	100	12-820Y	24.55	12-820YM	30.68
2.0	12 x 32	10mm	White Cap, PTFE	100	12-820W	24.55	12-820WM	30.68
2.0	12 x 32	10mm	Black Cap, PTFE/Silicone	100	12-821	29.70	12-821M	37.12
2.0	12 x 32	10mm	Blue Cap, PTFE/Silicone	100	12-821B	29.95	12-821BM	37.43
2.0	12 x 32	10mm	Green Cap, PTFE/Silicone	100	12-821G	29.95	12-821GM	37.43
2.0	12 x 32	10mm	Red Cap, PTFE/Silicone	100	12-821R	29.95	12-821RM	37.43
2.0	12 x 32	10mm	Yellow Cap, PTFE/Silicone	100	12-821Y	29.95	12-821YM	37.43
2.0	12 x 32	10mm	White Cap, PTFE/Silicone	100	12-821W	29.95	12-821WM	37.43
2.0	12 x 32	10mm	Black Cap, PTFE/Butyl Rubber	100	12-822	26.10	12-822M	33.62
2.0	12 x 32	10mm	Blue Cap, PTFE/Butyl Rubber	100	12-822B	26.35	12-822BM	33.94
2.0	12 x 32	10mm	Green Cap, PTFE/Butyl Rubber	100	12-822G	26.35	12-822GM	33.94
2.0	12 x 32	10mm	Red Cap, PTFE/Butyl Rubber	100	12-822R	26.35	12-822RM	33.94
2.0	12 x 32	10mm	Yellow Cap, PTFE/Butyl Rubber	100	12-822Y	26.35	12-822YM	33.94
2.0	12 x 32	10mm	White Cap, PTFE/Butyl Rubber	100	12-822W	26.35	12-822WM	33.94
2.0	12 x 32	10mm	Black Cap, PTFE/Silicone/PTFE	100	12-823	36.90	12-823M	46.12
2.0	12 x 32	10mm	Blue Cap, PTFE/Silicone/PTFE	100	12-823B	37.15	12-823BM	46.44
2.0	12 x 32	10mm	Green Cap, PTFE/Silicone/PTFE	100	12-823G	37.15	12-823GM	46.44
2.0	12 x 32	10mm	Red Cap, PTFE/Silicone/PTFE	100	12-823R	37.15	12-823RM	46.44
2.0	12 x 32	10mm	Yellow Cap, PTFE/Silicone/PTFE	100	12-823Y	37.15	12-823YM	46.44
2.0	12 x 32	10mm	White Cap, PTFE/Silicone/PTFE	100	12-823W	37.15	12-823WM	46.44
2.0	12 x 32	10mm	Black Cap, Black Viton Septa	100	12-824	43.45	12-824M	54.31

VIALS

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VIALS

CONVENIENCE PACK SAMPLE VIALS

12 X 32MM STANDARD OPENING SCREW THREAD VIALS 8MM SCREW THREAD FINISH

AMBER

Vials are available in Clear or Amber Borosilicate Glass. Convenience Packs contain 100 shrink-wrapped vials and 100 each of open top polypropylene closure and septa in plastic bags. Closures are available in black, blue, green, red, yellow or white.



Size ml	Vial Size	Cap Size	Cap Color/ Liner	Case Pack	Product Number	White Marking Spot		Case Price
						Case Price	Product Number	
2.0	12 x 32	8mm	Black Cap, PTFE	100	12-830	\$21.70	12-830M	\$26.87
2.0	12 x 32	8mm	Blue Cap, PTFE	100	12-830B	21.95	12-830BM	26.18
2.0	12 x 32	8mm	Green Cap, PTFE	100	12-830G	21.95	12-830GM	26.18
2.0	12 x 32	8mm	Red Cap, PTFE	100	12-830R	21.95	12-830RM	26.18
2.0	12 x 32	8mm	Yellow Cap, PTFE	100	12-830Y	21.95	12-830YM	26.18
2.0	12 x 32	8mm	White Cap, PTFE	100	12-830W	21.95	12-830WM	26.18
2.0	12 x 32	8mm	Black Cap, PTFE/Silicone	100	12-831	28.45	12-831M	35.30
2.0	12 x 32	8mm	Blue Cap, PTFE/Silicone	100	12-831B	28.70	12-831BM	35.62
2.0	12 x 32	8mm	Green Cap, PTFE/Silicone	100	12-831G	28.70	12-831GM	35.62
2.0	12 x 32	8mm	Red Cap, PTFE/Silicone	100	12-831R	28.70	12-831RM	35.62
2.0	12 x 32	8mm	Yellow Cap, PTFE/Silicone	100	12-831Y	28.70	12-831YM	35.62
2.0	12 x 32	8mm	White Cap, PTFE/Silicone	100	12-831W	28.70	12-831WM	35.62
2.0	12 x 32	8mm	Black Cap, PTFE/Butyl Rubber	100	12-832	25.52	12-832M	31.65
2.0	12 x 32	8mm	Blue Cap, PTFE/Butyl Rubber	100	12-832B	25.78	12-832BM	31.98
2.0	12 x 32	8mm	Green Cap, PTFE/Butyl Rubber	100	12-832G	25.78	12-832GM	31.98
2.0	12 x 32	8mm	Red Cap, PTFE/Butyl Rubber	100	12-832R	25.78	12-832RM	31.98
2.0	12 x 32	8mm	Yellow Cap, PTFE/Butyl Rubber	100	12-832Y	25.78	12-832YM	31.98
2.0	12 x 32	8mm	White Cap, PTFE/Butyl Rubber	100	12-832W	25.78	12-832WM	31.98
2.0	12 x 32	8mm	Black Cap, PTFE/Silicone/PTFE	100	12-833	30.25	12-833M	37.56
2.0	12 x 32	8mm	Blue Cap, PTFE/Silicone/PTFE	100	12-834B	30.50	12-834BM	37.88
2.0	12 x 32	8mm	Green Cap, PTFE/Silicone/PTFE	100	12-834G	30.50	12-834GM	37.88
2.0	12 x 32	8mm	Red Cap, PTFE/Silicone/PTFE	100	12-834R	30.50	12-834RM	37.88
2.0	12 x 32	8mm	Yellow Cap, PTFE/Silicone/PTFE	100	12-834Y	30.50	12-834YM	37.88
2.0	12 x 32	8mm	White Cap, PTFE/Silicone/PTFE	100	12-834W	30.50	12-834WM	37.88
2.0	12 x 32	8mm	Black Cap, Black Viton Septa	100	12-835	35.22	12-835M	43.78

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CONVENIENCE PACK SAMPLE VIALS

12 X 32MM STANDARD OPENING SCREW THREAD VIALS 8MM SCREW THREAD FINISH

CLEAR

Vials are available in Clear or Amber Borosilicate Glass. Convenience Packs contain 100 shrink-wrapped vials and 100 each of open top polypropylene closure and septa in plastic bags. Closures are available in black, blue, green, red, yellow or white.



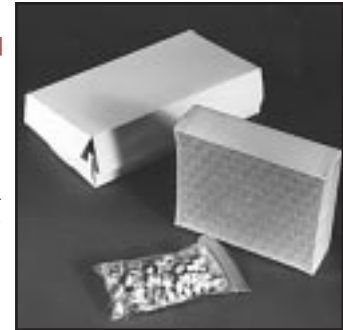
Size ml	Vial Size	Cap Size	Cap Color/ Liner	Case Pack	Product Number	White Marking Spot		Case Price
						Case Price	Product Number	
2.0	12 x 32	8mm	Black Cap, PTFE	100	12-840	\$20.70	12-840M	\$25.87
2.0	12 x 32	8mm	Blue Cap, PTFE	100	12-840B	20.95	12-840BM	26.18
2.0	12 x 32	8mm	Green Cap, PTFE	100	12-840G	20.95	12-840GM	26.18
2.0	12 x 32	8mm	Red Cap, PTFE	100	12-840R	20.95	12-840RM	26.18
2.0	12 x 32	8mm	Yellow Cap, PTFE	100	12-840Y	20.95	12-840YM	26.18
2.0	12 x 32	8mm	White Cap, PTFE	100	12-840W	20.95	12-840WM	26.18
2.0	12 x 32	8mm	Black Cap, PTFE/Silicone	100	12-841	27.45	12-841M	34.30
2.0	12 x 32	8mm	Blue Cap, PTFE/Silicone	100	12-841B	27.70	12-841BM	34.62
2.0	12 x 32	8mm	Green Cap, PTFE/Silicone	100	12-841G	27.70	12-841GM	34.62
2.0	12 x 32	8mm	Red Cap, PTFE/Silicone	100	12-841R	27.70	12-841RM	34.62
2.0	12 x 32	8mm	Yellow Cap, PTFE/Silicone	100	12-841Y	27.70	12-841YM	34.62
2.0	12 x 32	8mm	White Cap, PTFE/Silicone	100	12-841W	27.70	12-841WM	34.62
2.0	12 x 32	8mm	Black Cap, PTFE/Butyl Rubber	100	12-842	24.52	12-842M	30.65
2.0	12 x 32	8mm	Blue Cap, PTFE/Butyl Rubber	100	12-842B	24.78	12-842BM	30.98
2.0	12 x 32	8mm	Green Cap, PTFE/Butyl Rubber	100	12-842G	24.78	12-842GM	30.98
2.0	12 x 32	8mm	Red Cap, PTFE/Butyl Rubber	100	12-842R	24.78	12-842RM	30.98
2.0	12 x 32	8mm	Yellow Cap, PTFE/Butyl Rubber	100	12-842Y	24.78	12-842YM	30.98
2.0	12 x 32	8mm	White Cap, PTFE/Butyl Rubber	100	12-842W	24.78	12-842WM	30.98
2.0	12 x 32	8mm	Black Cap, PTFE/Silicone/PTFE	100	12-843	29.25	12-843M	36.56
2.0	12 x 32	8mm	Blue Cap, PTFE/Silicone/PTFE	100	12-843B	29.50	12-843BM	36.88
2.0	12 x 32	8mm	Green Cap, PTFE/Silicone/PTFE	100	12-843G	29.50	12-843GM	36.88
2.0	12 x 32	8mm	Red Cap, PTFE/Silicone/PTFE	100	12-843R	29.50	12-843RM	36.88
2.0	12 x 32	8mm	Yellow Cap, PTFE/Silicone/PTFE	100	12-843Y	29.50	12-843YM	36.88
2.0	12 x 32	8mm	White Cap, PTFE/Silicone/PTFE	100	12-843W	29.50	12-843WM	36.88
2.0	12 x 32	8mm	Black Cap, Black Viton Septa	100	12-844	34.22	12-844M	42.78

VIALS

CONVENIENCE PACK SAMPLE VIALS

12 X 32MM WIDE NECK CRIMP TOP VIALS SOLID RING VIALS FOR USE WITH 11MM ALUMINUM SEALS CLEAR

Vials are available in Clear or Amber Borosilicate Glass. Convenience Packs contain 100 shrink-wrapped vials and 100 lined aluminum seals in plastic bags. Aluminum seals are available in silver, blue, green, red or gold.



Size ml	Vial Size	Seal Size	Seal Color/ Liner	Case Pack	Product Number	White Marking Spot		
						Case Price	Product Number	Case Price
2.0	12 x 32	11mm	Silver Seal, PTFE	100	12-850	\$21.25	12-850M	\$26.56
2.0	12 x 32	11mm	Blue Seal, PTFE	100	12-850B	22.75	12-850BM	28.44
2.0	12 x 32	11mm	Green Seal, PTFE	100	12-850G	22.75	12-850GM	28.44
2.0	12 x 32	11mm	Red Seal, PTFE	100	12-850R	22.75	12-850RM	28.44
2.0	12 x 32	11mm	Gold Seal, PTFE	100	12-850GD	22.75	12-850GDM	28.44
2.0	12 x 32	11mm	Silver Seal, PTFE/Silicone	100	12-851	34.80	12-851M	43.50
2.0	12 x 32	11mm	Blue Seal, PTFE/Silicone	100	12-851B	36.30	12-851BM	45.38
2.0	12 x 32	11mm	Green Seal, PTFE/Silicone	100	12-851G	36.30	12-851GM	45.38
2.0	12 x 32	11mm	Red Seal, PTFE/Silicone	100	12-851R	36.30	12-851RM	45.38
2.0	12 x 32	11mm	Gold Seal, PTFE/Silicone	100	12-851GD	36.30	12-851GDM	45.38
2.0	12 x 32	11mm	Silver Seal, PTFE/Silicone/PTFE	100	12-852	36.30	12-852M	45.38
2.0	12 x 32	11mm	Blue Seal, PTFE/Silicone/PTFE	100	12-852B	37.80	12-852BM	47.25
2.0	12 x 32	11mm	Green Seal, PTFE/Silicone/PTFE	100	12-852G	37.80	12-852GM	47.25
2.0	12 x 32	11mm	Red Seal, PTFE/Silicone/PTFE	100	12-852R	37.80	12-852RM	47.25
2.0	12 x 32	11mm	Gold Seal, PTFE/Silicone/PTFE	100	12-852GD	37.80	12-852GDM	47.25
2.0	12 x 32	11mm	Silver Seal, Black Viton	100	12-853	43.30	12-853M	54.12

AMBER

Size ml	Vial Size	Seal Size	Seal Color/ Liner	Case Pack	Product Number	White Marking Spot		
						Case Price	Product Number	Case Price
2.0	12 x 32	11mm	Silver Seal, PTFE	100	12-860	\$22.25	12-860M	\$27.56
2.0	12 x 32	11mm	Blue Seal, PTFE	100	12-860B	23.75	12-860BM	29.44
2.0	12 x 32	11mm	Green Seal, PTFE	100	12-860G	23.75	12-860GM	29.44
2.0	12 x 32	11mm	Red Seal, PTFE	100	12-860R	23.75	12-860RM	29.44
2.0	12 x 32	11mm	Gold Seal, PTFE	100	12-860GD	23.75	12-860GDM	29.44
2.0	12 x 32	11mm	Silver Seal, PTFE/Silicone	100	12-861	35.80	12-861M	44.50
2.0	12 x 32	11mm	Blue Seal, PTFE/Silicone	100	12-861B	37.30	12-861BM	46.38
2.0	12 x 32	11mm	Green Seal, PTFE/Silicone	100	12-861G	37.30	12-861GM	46.38
2.0	12 x 32	11mm	Red Seal, PTFE/Silicone	100	12-861R	37.30	12-861RM	46.38
2.0	12 x 32	11mm	Gold Seal, PTFE/Silicone	100	12-861GD	37.30	12-861GDM	46.38
2.0	12 x 32	11mm	Silver Seal, PTFE/Silicone/PTFE	100	12-862	37.30	12-862M	46.38
2.0	12 x 32	11mm	Blue Seal, PTFE/Silicone/PTFE	100	12-862B	38.80	12-862BM	48.25
2.0	12 x 32	11mm	Green Seal, PTFE/Silicone/PTFE	100	12-862G	38.80	12-862GM	48.25
2.0	12 x 32	11mm	Red Seal, PTFE/Silicone/PTFE	100	12-862R	38.80	12-862RM	48.25
2.0	12 x 32	11mm	Gold Seal, PTFE/Silicone/PTFE	100	12-862GD	38.80	12-862GDM	48.25
2.0	12 x 32	11mm	Silver Seal, Black Viton	100	12-863	44.30	12-863M	55.12

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VIALS

CONVENIENCE PACK SCREW THREAD VIALS WITH RUBBER LINED CLOSURE

CLEAR BOROSILICATE GLASS SCREW THREAD VIALS

Shrink-wrapped in a separate module to eliminate the possibility of contamination from corrugated packaging materials. Rubber lined caps are included but not assembled.



Size ml	Vial Size	Cap Size	Case Pack	Product Number	Case Price	White Marking Spot	
						Product Number	Case Price
2	12 x 32	8/425	100	12-870	\$20.28	12-870M	\$25.36
2	12 x 32	10/425	100	12-871	20.68	12-871M	25.84
4	15 x 45	13/425	100	12-872	21.16	12-872M	26.46
6	16 x 50	13/425	100	12-873	23.28	12-873M	29.10
8	17 x 60	15/425	100	12-874	25.61	12-874M	32.02
11	19 x 65	15/425	100	12-875	28.17	12-875M	35.20
15	21 x 70	18/400	100	12-876	31.00	12-876M	38.75
20	27 x 57	24/400	100	12-877	37.04	12-877M	46.30
22	23 x 85	20/400	100	12-878	38.98	12-878M	48.74
25	27 x 70	24/400	100	12-879	40.93	12-879M	51.16
30	25 x 95	22/400	100	12-880	42.98	12-880M	53.73
40	27 x 95	24/400	100	12-881	44.58	12-881M	55.72
60	27 x 135	24/400	100	12-882	53.51	12-882M	66.88

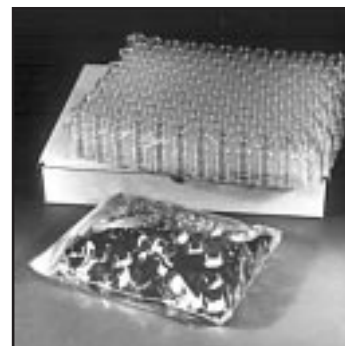
AMBER BOROSILICATE GLASS SCREW THREAD VIALS WITH RUBBER LINED CAPS INCLUDED BUT NOT ASSEMBLED

Size ml	Vial Size	Cap Size	Case Pack	Product Number	Case Price	White Marking Spot	
						Product Number	Case Price
2	12 x 32	8/425	100	12-890	\$21.16	12-890M	\$26.46
2	12 x 32	10/425	100	12-891	23.28	12-891M	29.10
4	15 x 45	13/425	100	12-892	24.25	12-892M	30.32
8	17 x 60	15/425	100	12-893	27.94	12-893M	34.92
11	19 x 65	15/425	100	12-894	32.08	12-894M	40.10
15	21 x 70	18/400	100	12-895	36.86	12-895M	46.08
20	27 x 57	24/400	100	12-896	41.67	12-896M	52.08
25	27 x 70	24/400	100	12-897	45.86	12-897M	57.33
40	27 x 95	24/400	100	12-898	49.74	12-898M	62.17
60	27 x 135	24/400	100	12-899	65.86	12-899M	82.33

CONVENIENCE PACK SCREW THREAD VIALS WITH POLYVINYL-PULP LINED CLOSURE

CLEAR BOROSILICATE GLASS SCREW THREAD VIALS

Shrink-wrapped in a separate module to eliminate the possibility of contamination from corrugated packaging materials. Polyvinyl-Pulp lined caps are included but not assembled.



Size ml	Vial Size	Cap Size	Case Pack	Product Number	Case Price	White Marking Spot Product Number	Case Price
2	12 x 32	8/425	100	12-910	\$19.66	12-910M	\$24.58
2	12 x 32	10/425	100	12-911	20.05	12-911M	25.06
4	15 x 45	13/425	100	12-912	20.52	12-912M	25.65
6	16 x 50	13/425	100	12-913	22.57	12-913M	28.22
8	17 x 60	15/425	100	12-914	24.83	12-914M	31.05
11	19 x 65	15/425	100	12-915	27.30	12-915M	34.12
15	21 x 70	18/400	100	12-916	30.04	12-916M	37.54
20	27 x 57	24/400	100	12-917	35.91	12-917M	44.89
22	23 x 85	20/400	100	12-918	37.80	12-918M	47.25
25	27 x 70	24/400	100	12-919	39.67	12-919M	49.59
30	25 x 95	22/400	100	12-920	41.66	12-920M	52.08
40	27 x 95	24/400	100	12-921	43.20	12-921M	54.00
60	27 x 140	24/400	100	12-922	51.88	12-922M	64.85

AMBER BOROSILICATE GLASS SCREW THREAD VIALS WITH POLYVINYL-PULP LINED CAPS INCLUDED BUT NOT ASSEMBLED

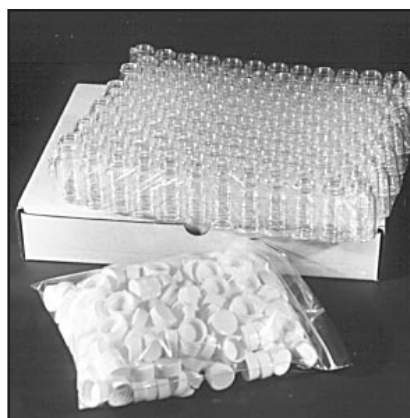
Size ml	Vial Size	Cap Size	Case Pack	Product Number	Case Price	White Marking Spot Product Number	Case Price
2	12 x 32	8/425	100	12-930	\$20.52	12-930M	\$25.65
2	12 x 32	10/425	100	12-931	22.57	12-931M	28.21
4	15 x 45	13/425	100	12-932	23.50	12-932M	29.38
8	17 x 60	15/425	100	12-933	27.08	12-933M	33.84
11	19 x 65	15/425	100	12-934	31.10	12-934M	38.36
15	21 x 70	18/400	100	12-935	35.74	12-935M	44.66
20	27 x 57	24/400	100	12-936	40.40	12-936M	50.49
25	27 x 70	24/400	100	12-937	44.46	12-937M	55.58
40	27 x 95	24/400	100	12-938	48.21	12-938M	60.26
60	27 x 140	24/400	100	12-939	63.85	12-939M	79.80

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CONVENIENCE PACK SCREW THREAD VIALS WITH TEFLON® LINED CLOSED TOP CAPS

CLEAR BOROSILICATE GLASS SCREW THREAD VIALS

Shrink-wrapped in a separate module to eliminate the possibility of contamination from corrugated packaging materials. Teflon® lined caps are included but not assembled.



VIALS

Size ml	Vial Size	Cap Size	Case Pack	Product Number	Case Price	White Marking Spot	
						Product Number	Case Price
2	12 x 32	8/425	100	12-945	\$20.70	12-945M	\$25.88
2	12 x 32	10/425	100	12-946	21.10	12-946M	26.38
4	15 x 45	13/425	100	12-947	21.60	12-947M	27.00
6	16 x 50	13/425	100	12-948	23.76	12-948M	29.70
8	17 x 60	15/425	100	12-949	26.14	12-949M	32.67
11	19 x 65	15/425	100	12-950	28.74	12-950M	35.92
15	21 x 70	18/400	100	12-951	31.62	12-951M	39.52
20	27 x 57	24/400	100	12-952	37.80	12-952M	47.25
22	23 x 85	20/400	100	12-953	39.78	12-953M	49.72
25	27 x 70	24/400	100	12-954	41.76	12-954M	52.20
30	25 x 95	22/400	100	12-955	43.86	12-955M	54.82
40	27 x 95	24/400	100	12-956	45.50	12-956M	56.86
60	27 x 135	24/400	100	12-957	54.70	12-957M	68.26

AMBER BOROSILICATE GLASS SCREW THREAD VIALS WITH TEFLON® LINED CAPS INCLUDED BUT NOT ASSEMBLED

Size ml	Vial Size	Cap Size	Case Pack	Product Number	Case Price	White Marking Spot	
						Product Number	Case Price
2	12 x 32	8/425	100	12-960	\$21.60	12-960M	\$27.00
2	12 x 32	10/425	100	12-961	23.76	12-961M	29.70
4	15 x 45	13/425	100	12-962	24.75	12-962M	30.94
8	17 x 60	15/425	100	12-963	28.50	12-963M	35.62
11	19 x 65	15/425	100	12-964	32.74	12-964M	40.92
15	21 x 70	18/400	100	12-965	37.62	12-965M	47.02
20	27 x 57	24/400	100	12-966	42.52	12-966M	53.15
25	27 x 70	24/400	100	12-967	46.80	12-967M	58.50
40	27 x 95	24/400	100	12-968	50.75	12-968M	63.43
60	27 x 135	24/400	100	12-969	67.20	12-969M	84.00

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VIALS

CONVENIENCE PACK SCREW CAP VIALS WITH OPEN TOP CAPS AND TEFLON®/SILICONE SEPTA PACKED SEPARATELY

CLEAR BOROSILICATE GLASS SCREW THREAD VIALS

Shrink-wrapped in a separate module to eliminate the possibility of contamination from corrugated packaging materials. Open top caps and Septa are packed separately.



Size ml	Vial Size	Cap Size	Case Pack	Product Number	Case Price	White Marking Spot	
						Product Number	Case Price
2	12 x 32	8/425	100	12-975	\$27.72	12-975M	\$34.65
2	12 x 32	10/425	100	12-976	27.86	12-976M	34.83
4	15 x 45	13/425	100	12-977	34.11	12-977M	42.64
6	16 x 50	13/425	100	12-978	35.10	12-978M	43.88
8	17 x 60	15/425	100	12-979	36.88	12-979M	46.10
11	19 x 65	15/425	100	12-980	38.74	12-980M	48.42
15	21 x 70	18/400	100	12-981	39.89	12-981M	49.75
20	27 x 57	24/400	100	12-982	40.95	12-982M	51.20
22	23 x 85	20/400	100	12-983	41.98	12-983M	52.47
25	27 x 70	24/400	100	12-984	43.02	12-984M	53.78
30	25 x 95	22/400	100	12-985	45.18	12-985M	56.48
40	27 x 95	24/400	100	12-986	48.03	12-986M	60.04
60	27 x 140	24/400	100	12-987	56.99	12-987M	73.50

AMBER BOROSILICATE GLASS SCREW THREAD VIALS WITH OPEN TOP CAP AND TEFLON®/SILICONE SEPTA PACKED SEPARATELY.

Size ml	Vial Size	Cap Size	Case Pack	Product Number	Case Price	White Marking Spot	
						Product Number	Case Price
2	12 x 32	8/425	100	12-990	\$28.62	12-990M	\$35.78
2	12 x 32	10/425	100	12-991	28.76	12-991M	35.96
4	15 x 45	13/425	100	12-992	37.44	12-992M	46.80
8	17 x 60	15/425	100	12-993	38.18	12-993M	47.73
11	19 x 65	15/425	100	12-994	38.95	12-994M	48.70
15	21 x 70	18/400	100	12-995	40.90	12-995M	51.12
20	27 x 57	24/400	100	12-996	44.10	12-996M	55.15
25	27 x 70	24/400	100	12-997	49.00	12-997M	61.48
40	27 x 95	24/400	100	12-998	51.46	12-998M	64.33
60	27 x 135	24/400	100	12-999	71.40	12-999M	89.24

SLS-LUX Scientific

VIALS

CONVENIENCE PACKS SHELL VIALS

Shell Vials convenience packs contain 200 vials shrink-wrapped and 200 plugs in plastic bags. 8mm plugs are available in red, blue, green or yellow.



8X40MM

Size ml	Vial Size	Plug Size	Color	Case Pack	CLEAR		AMBER	
					Product Number	Case Price	Product Number	Case Price
1.0	8 x 40	8mm	Natural	200	12-1005	\$18.10	12-1005A	\$21.90
1.0	8 x 40	8mm	Red	200	12-1006	18.35	12-1006A	22.15
1.0	8 x 40	8mm	Blue	200	12-1007	18.35	12-1007A	22.15
1.0	8 x 40	8mm	Green	200	12-1008	18.35	12-1008A	22.15
1.0	8 x 40	8mm	Yellow	200	12-1009	18.35	12-1009A	22.15

POLYPROPYLENE 8 X 40MM SHELL VIALS

Size ml	Vial Size	Plug Size	Color	Case Pack	Product Number	Case Price
1.0	8 x 40	8mm	Natural	200	12-1015	\$24.00
1.0	8 x 40	8mm	Red	200	12-1015R	24.25
1.0	8 x 40	8mm	Blue	200	12-1015B	24.25
1.0	8 x 40	8mm	Green	200	12-1015G	24.25
1.0	8 x 40	8mm	Yellow	200	12-1015Y	24.25

12X32MM

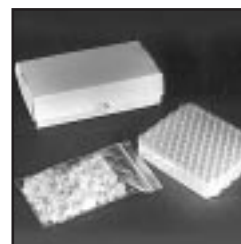
Size ml	Vial Size	Plug Size	Case Pack	CLEAR		AMBER	
				Product Number	Case Price	Product Number	Case Price
2.0	12 x 32	12mm	100	12-1020	\$11.00	12-1020A	\$13.00

POLYPROPYLENE 12 X 32MM SHELL VIALS

Size ml	Vial Size	Plug Size	Case Pack	Product Number	Case Price
2.0	12 x 32	12mm	100	12-1021	\$12.00

15X45MM

Size ml	Vial Size	Plug Size	Case Pack	Product Number	CLEAR		AMBER	
					Case Price	Product Number	Case Price	
4.0	15 x 45	15mm	100	12-1000	\$12.25	12-1000A	\$14.25	



POLYPROPYLENE 15 X 45 SHELL VIALS

Size ml	Vial Size	Plug Size	Case Pack	Product Number	Case Price
4.0	15 x 45	15mm	100	12-1001	\$13.15

POLYPROPYLENE LIMITED VOLUME

Size ml	Vial Size	Plug Size	Case Pack	Product Number	Case Price
.7	8 x 40	8mm	100	12-1002	\$14.50
3.0	15 x 45	15mm	100	12-1003	26.00

CONVENIENCE PACKS 8 X 30MM CRIMP TOP AUTOSAMPLER VIALS

8 x 30mm Vials are available in clear and amber borosilicate glass. Convenience packs contain 100 shrink-wrapped vials and 100 8mm aluminum seals in a plastic bag.



Size ml	Vial Size	Finish Crimp	Seal Liner	CLEAR			AMBER		
				Case Pack	Product Number	Case Price	Product Number	Case Price	
.8	8 x 30	8mm	Teflon	100	12-1030	\$26.56	12-1030A	\$29.22	
.8	8 x 30	8mm	PTFE/Rubber	100	12-1031	29.22	12-1031A	32.14	
.8	8 x 30	8mm	PTFE/Silicone	100	12-1032	43.50	12-1032A	46.85	
.8	8 x 30	8mm	PTFE/Silicone/PTFE	100	12-1033	45.36	12-1033A	48.89	
.8	8 x 30	8mm	Black Viton	100	12-1034	51.96	12-1034A	54.96	

CONVENIENCE PACKS SAMPLE VIALS

15 X 45MM CRIMP TOP/SNAP RING™ VIALS WITH 13MM ALUMINUM SEALS

CLEAR

Vials are available in Clear or Amber Borosilicate Glass. Convenience Packs contain 100 shrink-wrapped vials and 100 lined 13mm aluminum seals.



Size ml	Vial Size	Seal Size	Aluminum Seal Color/Liner	Case Pack	Product Number	Case Price	White Marking Spot	
							Product Number	Case Price
4.0	15 x 45	13mm	Silver, PTFE	100	12-1040	\$23.85	12-1040M	\$29.80
4.0	15 x 45	13mm	Silver, PTFE/Natural rubber	100	12-1041	\$37.10	12-1041M	\$46.37
4.0	15 x 45	13mm	Silver, PTFE/Silicone	100	12-1042	\$36.05	12-1042M	\$45.06
4.0	15 x 45	13mm	Silver, PTFE/Silicone/PTFE	100	12-1043	\$37.60	12-1043M	\$47.00

AMBER

Size ml	Vial Size	Seal Size	Aluminum Seal Color/Liner	Case Pack	Product Number	Case Price	White Marking Spot	
							Product Number	Case Price
4.0	15 x 45	13mm	Silver, PTFE	100	12-1050	\$24.85	12-1050M	\$30.80
4.0	15 x 45	13mm	Silver, PTFE/Natural rubber	100	12-1051	\$38.10	12-1051M	\$47.37
4.0	15 x 45	13mm	Silver, PTFE/Silicone	100	12-1052	\$37.05	12-1052M	\$46.06
4.0	15 x 45	13mm	Silver, PTFE/Silicone/PTFE	100	12-1053	\$38.60	12-1053M	\$48.00

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CLOSURES

Polypropylene Solid Top Caps Without Liner



Catalog Number	Color	Cap Size	Case Pack	Case Price
34-500	Black	8-425	100	\$ 3.15
34-500B	Blue	8-425	100	3.77
34-500G	Green	8-425	100	3.77
34-500R	Red	8-425	100	3.77
34-500W	White	8-425	100	3.77
34-500Y	Yellow	8-425	100	3.77
34-501	Black	10-425	100	5.20
34-501B	Blue	10-425	100	6.25
34-501G	Green	10-425	100	6.25
34-501R	Red	10-425	100	6.25
34-501W	White	10-425	100	6.25
34-501Y	Yellow	10-425	100	6.25
34-502	Black	13-425	100	3.65
34-502B	Blue	13-425	100	4.27
34-502G	Green	13-425	100	4.27
34-502R	Red	13-425	100	4.27
34-502W	White	13-425	100	4.27
34-502Y	Yellow	13-425	100	4.27
34-503	Black	15-425	100	4.20
34-503B	Blue	15-425	100	4.82
34-503G	Green	15-425	100	4.82
34-503R	Red	15-425	100	4.82
34-503W	White	15-425	100	4.82
34-503Y	Yellow	15-425	100	4.82
34-504	Black	18-400	100	6.00
34-505	Black	20-400	100	5.38
34-506W	White	24-400	100	5.55
34-507W	White	28-400	100	5.63
34-508W	White	33-400	100	5.76
34-509W	White	38-400	100	5.83
34-510W	White	43-400	100	5.98
34-511W	White	45-400	100	6.45
34-512W	White	48-400	100	7.58
34-513W	White	53-400	100	7.68
34-514W	White	58-400	100	7.78
34-515W	White	63-400	100	8.66
34-516W	White	70-400	100	9.72
34-517W	White	83-400	100	21.10
34-518W	White	89-400	100	24.28

CLOSURES

Polypropylene Open Hole Closures with Teflon/Silicone Septa Bonded to the Cap.



Catalog Number	Cap Size	Case Pack	Case Price
34-525	20-400	100	\$112.00
34-526	22-400	100	114.00
34-527	24-400	100	117.00
34-528	28-400	100	119.00
34-529	33-400	100	122.00
34-530	38-400	100	125.00
34-531	43-400	100	127.00
34-532	45-400	100	130.00
34-533	48-400	100	133.00
34-534	53-400	100	134.00
34-535	58-400	100	136.00
34-536	70-400	100	153.00
34-537	89-400	100	180.00

POLY-SEAL® CONE LINED BLACK PHENOLIC CLOSURES



Catalog Number	Cap Size	Case Pack	Case Price
34-545	13-425	100	\$27.00
34-546	15-425	100	27.00
34-547	18-400	100	27.00
34-548	20-410	100	27.00
34-549	22-400	100	28.00
34-550	24-400	100	28.00
34-551	28-400	100	32.00
34-552	33-400	100	43.00
34-553	38-400	100	56.00
34-554	38-430	100	75.00

CLOSURES

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CLOSURES

CLOSURES

Polypropylene Caps with Open Hole Top Unlined



Catalog Number	Color	Cap Size	Case Pack	Case Price
34-102	Black	8-425	100	\$4.20
34-102B	Blue	8-425	100	5.25
34-102G	Green	8-425	100	5.25
34-102R	Red	8-425	100	5.25
34-102W	White	8-425	100	5.25
34-102Y	Yellow	8-425	100	5.25
34-110	Black	10-425	100	5.20
34-110B	Blue	10-425	100	6.25
34-110G	Green	10-425	100	6.25
34-110R	Red	10-425	100	6.25
34-110W	White	10-425	100	6.25
34-110Y	Yellow	10-425	100	6.25
34-120	Black	13-425	100	5.20
34-120B	Blue	13-425	100	6.25
34-120G	Green	13-425	100	6.25
34-120R	Red	13-425	100	6.25
34-120W	White	13-425	100	6.25
34-120Y	Yellow	13-425	100	6.25
34-200	Black	15-425	100	5.45
34-200B	Blue	15-425	100	6.60
34-200G	Green	15-425	100	6.60
34-200R	Red	15-425	100	6.60
34-200W	White	15-425	100	6.60
34-200Y	Yellow	15-425	100	6.60
34-210	Black	18-400	100	7.22
34-220	Black	20-400	100	7.36
34-230	Black	22-400	100	7.51
34-240	Black	24-400	100	7.58
34-240W	White	24-400	100	7.58
34-250	Black	28-400	100	7.64

TEFLON CAP LINERS .015" THICK

Solid virgin Teflon can be manually inserted into closure and maintains a snug friction fit.



Catalog Number	Cap Size	Case Pack	Case Price
38-101	8MM	100	\$ 5.25
38-110	10MM	100	5.75
38-120	13MM	100	5.85
38-132	15MM	100	5.90
38-134	18MM	100	5.95
38-136	20MM	100	6.02
38-138	22MM	100	6.72
38-140	24MM	100	8.40
38-142	28MM	100	10.94
38-144	33MM	100	11.19
38-146	38MM	100	14.86
38-148	43MM	100	16.74
38-150	45MM	100	18.19
38-152	48MM	100	22.40
38-154	53MM	100	25.78
38-156	58MM	100	27.72
38-158	63MM	100	40.32
38-160	70MM	100	43.98
38-162	83MM	100	68.44
38-164	89MM	100	72.80

ALUMINUM SEALS

UNLINED ALUMINUM SEALS

Catalog Number	Color	Size OD	Case Pack	Case Price
34-600	Silver	8MM	100	\$5.30
34-610	Silver	11MM	100	5.60
34-610B	Blue	11MM	100	6.50
34-600G	Green	11MM	100	6.50
34-600R	Red	11MM	100	6.50
34-600GD	Gold	11MM	100	6.50
34-615	Silver	13MM	100	5.95
34-615B	Blue	13MM	100	6.85
34-615G	Green	13MM	100	6.85
34-615R	Red	13MM	100	6.85
34-615GD	Gold	13MM	100	6.85
34-620	Silver	20MM	100	6.54
34-620B	Blue	20MM	100	7.20
34-620G	Green	20MM	100	7.20
34-620R	Red	20MM	100	7.20
34-620GD	Gold	20MM	100	7.20



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WHITE POLYPROPYLENE CAPS WITH TEFLON® LINERS

Catalog Number	Cap Size	Case Pack	Case Price
34-300	8-425	100	\$ 10.00
34-301	10-425	100	10.49
34-302	13-425	100	11.04
34-303	15-425	100	11.62
34-304	18-400	100	12.23
34-305	20-400	100	12.88
34-306	22-400	100	13.72
34-307	24-400	100	15.40
34-308	28-400	100	15.56
34-309	33-400	100	15.56
34-310	38-400	100	19.33
34-311	38-430	100	35.58
34-312	43-400	100	23.32
34-313	45-400	100	23.80
34-314	48-400	100	28.88
34-315	53-400	100	33.44
34-316	58-400	100	35.58
34-317	63-400	100	49.00
34-318	70-400	100	53.67
34-319	83-400	100	92.26
34-320	89-400	100	97.12
34-321	100-400	100	102.00

POLYPROPYLENE CAPS WITH VINYL-FACED PULP LINER

Catalog Number	Cap Size	Case Pack	Case Price
34-350	20-400	100	\$ 3.23
34-351	22-400	100	3.29
34-352	24-400	100	3.40
34-353	28-400	100	3.80
34-354	33-400	100	4.39
34-355	38-400	100	5.30
34-356	43-400	100	6.32
34-357	48-400	100	7.30
34-358	53-400	100	8.40
34-359	58-430	100	9.40
34-360	63-430	100	11.00
34-361	70-430	100	13.00
34-362	89-430	100	26.00

POLYPROPYLENE CAPS WITH PULP-FACED TEFLON LINERS

Catalog Number	Cap Size	Case Pack	Case Price
34-370	8-425	100	\$ 9.00
34-371	10-425	100	9.24
34-372	13-425	100	12.20
34-373	15-425	100	13.46
34-374	18-400	100	19.72
34-375	20-400	100	22.70

BLACK PHENOLIC PLASTIC CAPS WITH WHITE RUBBER LINER

Catalog Number	Cap Size	Case Pack	Case Price
34-380	8-425	100	\$10.00
34-381	13-425	100	14.88
34-382	15-425	100	17.18
34-383	18-400	100	19.45
34-384	20-400	100	31.56
34-385	24-400	100	37.30
34-386	38-400	100	54.78
34-387	48-400	100	74.95

POLYPROPYLENE CAPS WITH FOAMED POLYETHYLENE FACED TEFLON LINERS



Catalog Number	Cap Size	Case Pack	Case Price
34-400	8-425	100	\$12.36
34-401	13-425	100	15.00
34-402	15-425	100	19.60

WHITE POLYPROPYLENE CAPS WITH FOAMED POLYETHYLENE (F-217) LINER

Catalog Number	Cap Size	Case Pack	Case Price
34-425	15-415	100	\$ 6.50
34-426	18-400	100	6.84
34-427	18-415	100	7.20
34-428	20-400	100	7.57
34-429	20-410	100	7.97
34-430	22-400	100	6.20
34-431	22-410	100	6.38
34-432	24-400	100	6.85
34-433	24-410	100	7.00
34-434	28-400	100	7.09
34-435	28-410	100	9.59
34-436	33-400	100	7.48
34-437	38-400	100	7.78
34-438	38-430	100	10.78
34-439	43-400	100	7.94
34-440	45-400	100	8.19
34-441	53-400	100	10.80
34-442	58-400	100	13.00
34-443	63-400	100	13.70
34-444	70-400	100	16.64
34-445	83-400	100	30.92
34-446	89-400	100	35.30
34-447	100-400	100	38.00

BLACK PHENOLIC PLASTIC CAPS WITH FOAMED POLYETHYLENE FACED TEFLON LINER

Catalog Number	Cap Size	Case Pack	Case Price
34-450	8-425	100	\$ 12.00
34-451	10-425	100	13.20
34-452	13-425	100	16.37
34-453	15-425	100	18.90
34-454	18-400	100	21.40
34-455	20-400	100	34.72
34-456	22-400	100	38.20
34-457	24-400	100	40.92
34-458	28-400	100	45.00
34-459	33-400	100	47.26
34-460	38-400	100	49.62
34-461	48-400	100	78.70
34-462	53-400	100	86.57
34-463	58-400	100	90.89
34-464	70-400	100	100.10
34-465	89-400	100	109.98

BLACK PHENOLIC PLASTIC CAPS WITH WHITE RUBBER FACED TEFLON LINER

Catalog Number	Cap Size	Case Pack	Case Price
34-470	13-425	100	\$ 45.76
34-471	15-425	100	49.70
34-472	18-400	100	68.10
34-473	20-400	100	92.87
34-474	24-400	100	97.79
34-475	28-400	100	112.00
34-476	33-400	100	144.50

ALUMINUM SEALS UNLINED



CENTER TEAR SEAL UNLINED

Catalog Cap Number	Case Description	Pack	Price
34-630	13MM Silver	100	\$4.60
34-630B	13MM Blue	100	5.86
34-630G	13MM Green	100	5.86
34-630R	13MM Red	100	5.86
34-630GD	13MM Gold	100	5.86
34-635	20MM Silver	100	4.90
34-635B	20MM Blue	100	6.15
34-635G	20MM Green	100	6.15
34-635R	20MM Red	100	6.15
34-635GD	20MM Gold	100	6.15



TOTAL TEAR SEAL UNLINED

Catalog Case Number	Cap Description	Pack	Price
34-640	13MM Silver	100	\$4.00
34-640B	13MM Blue	100	4.60
34-640G	13MM Green	100	4.60
34-640R	13MM Red	100	4.60
34-640GD	13MM Gold	100	4.60
34-645	20MM Silver	100	4.40
34-645B	20MM Blue	100	5.00
34-645G	20MM Green	100	5.00
34-645R	20MM Red	100	5.00
34-645GD	20MM Gold	100	5.00

SNAP TOP CAPS™ 13MM

For use with 15x45 MM SNAP RING VIALS



Catalog Number	Description	Case Pack	Case Price
34-150	13MM Clear Snap Cap, 10mil PTFE	100	\$18.90
34-151	13MM Clear Snap Cap, PTFE/Natural Rubber	100	18.20
34-152	13MM Clear Snap Cap, PTFE/Silicone	100	30.50
34-154	13MM Clear Snap Cap, PTFE/Silicone with starburst	100	35.95
34-155	13MM Clear Snap Cap, PTFE/Silicone/PTFE	100	53.92
34-153	13MM Clear Snap Cap, PTFE/Silicone/PTFE with starburst	100	45.75

LINED ALUMINUM SEALS



LINED WITH PTFE/SILICONE/PTFE

Catalog Number	Color	Size OD MM	Case Pack	Case Price
34-004	Silver	8	100	\$25.00
34-132	Silver	11	100	25.50
34-132B	Blue	11	100	26.00
34-132G	Green	11	100	26.00
34-132R	Red	11	100	26.00
34-132GD	Gold	11	100	26.00
34-163	Silver	13	100	27.75

LINED WITH BLACK VITON

Catalog Number	Color	Size OD MM	Case Pack	Case Price
34-005	Silver	8	100	\$46.25
34-133	Silver	11	100	46.25

LINED WITH PTFE/BUTYL RUBBER

Catalog Number	Color	Size OD MM	Case Pack	Case Price
34-176	Silver	20	100	\$59.00
	Silver			
	(Liner Molded			
34-178	Pressure Release)	20	100	73.00
	Silver			
34-180	(Pressure Release)	20	100	84.00
34-184	Silver (Tin Plate)	20	100	93.97

LINED WITH 10MIL TEFLON

Catalog Number	Color	Size OD MM	Case Pack	Case Price
34-001	Silver	8	100	\$14.30
34-130	Silver	11	100	13.50
34-130B	Blue	11	100	14.00
34-130G	Green	11	100	14.00
34-130R	Red	11	100	14.00
34-130GD	Gold	11	100	14.00
34-175	Silver	20	100	13.50

LINED WITH PTFE/NATURAL RUBBER

Catalog Number	Color	Size OD MM	Case Pack	Case Price
34-002	Silver	8	100	\$14.00
34-006	Silver	11	100	13.23
34-006B	Blue	11	100	13.72
34-006G	Green	11	100	13.72
34-006R	Red	11	100	13.72
34-006GD	Gold	11	100	13.72

LINED WITH PTFE/SILICONE

Catalog Number	Color	Size OD MM	Case Pack	Case Price
34-003	Silver	8	100	\$21.20
34-131	Silver	11	100	21.25
34-131B	Blue	11	100	21.75
34-131G	Green	11	1000	21.75
34-131R	Red	11	100	21.75
34-131GD	Gold	11	100	21.75
34-177	Silver	20	100	38.88
34-185	Silver (Tin Plate)	20	100	75.20
34-182	Silver (Pressure Release)	20	100	84.00
34-183	Silver (With SLIT)	11	100	29.90

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SEPTA FOR CAPS WITH OPEN TOPS



Catalog Number	For Cap Size MM	Material	Case Pack	Case Price
38-106	8	.030" Black Viton	100	\$22.00
38-103	8	.035" PTFE/Silicone with Slit	100	26.50
38-104	8	.045" PTFE/Butyl Rubber	100	9.45
38-105	8	.040" PTFE/Silicone/PTFE	100	15.25
38-200	8	.040" PTFE/Silicone/PTFE with Slit	100	30.50
38-201	8	.045" PTFE/Silicone	100	13.00
38-202	8	.065" Grey PTFE/Silicone	100	10.38
38-203	8	.060" PTFE/Silicone/PTFE	100	15.25
38-204	8	.060" PTFE/Silicone with Slit	100	29.00
38-205	8	.065" PTFE/Silicone	100	13.00
38-206	8	.065" PTFE/Silicone with Slit	100	29.15
38-207	8	.075" PTFE/Silicone	100	14.68
38-208	8	.100" PTFE/Silicone	100	15.85
38-115	10	.030" Black Viton	100	25.00
38-113	10	.040" PTFE Butyl Rubber	100	10.56
38-114	10	.040" PTFE/Silicone/PTFE	100	19.20
38-111	10	.060" PTFE/Silicone	100	13.40
38-112	10	.060" PTFE/Silicone with Slit	100	30.00
38-215	10	.075" PTFE/Silicone	100	16.68
38-124	13	.030" Black Viton	100	28.00
38-123	13	.040" PTFE/Silicone/PTFE	100	19.25
38-122	13	.060" PTFE/Butyl Rubber	100	11.90
38-220	13	.060" Grey PTFE/Silicone (Dram Vials)	100	14.48
38-121	13	.060" PTFE/Silicone	100	15.00
38-125	13	.060" PTFE/Silicone with Slit	100	35.00
38-225	13	.075" PTFE/Silicone	100	16.68
38-230	15	.060" Grey PTFE/Silicone (Dram Vials)	100	15.04
38-235	18	.060" Grey PTFE/Silicone (Dram Vials)	100	19.00
38-240	20	.060" Grey PTFE/Silicone (Dram Vials)	100	26.40
38-241	20	.100" PTFE/Grey Butyl Rubber	100	34.40
38-242	20	.100" PTFE/Silicone	100	31.80
38-245	22	.060" PTFE/Silicone	100	32.90
38-246	22	.100" PTFE/Silicone	100	45.00
38-250	24	.060" PTFE/Silicone	100	60.00
38-251	24	.100" PTFE/Silicone	100	65.27
38-252	24	.125" PTFE/Silicone	100	65.27
38-253	28	.060" PTFE/Silicone	100	68.90
38-254	28	.100" PTFE/Silicone	100	68.90

SNAP PLUGS

LOW DENSITY POLYETHYLENE
8MM
For use with 7 x 40MM
SHELL VIALS



Catalog Number	Description	Case Pack	Case Price
34-199	8mm Clear Snap Plug, No Starburst	200	\$ 6.00
34-200	8mm Clear, Silicone Lined, Snap Plug	100	15.00
34-201	8mm Clear Low Density Polyethylene Snap Plug	200	6.00
34-201B	8mm Blue Low Density Polyethylene Snap Plug	200	6.50
34-201G	8mm Green Low Density Polyethylene Snap Plug	200	6.50
34-201R	8mm Red Low Density Polyethylene Snap Plug	200	6.50
34-201Y	8mm Yellow Low Density Polyethylene Snap Plug	200	6.50
34-202	8mm Polyethylene Starburst Conical Snap Plug	200	7.15
34-202G	8mm Green PE Starburst Conical Snap Plug	200	8.25
34-202R	8mm Red PE Starburst Conical Snap Plug	200	8.25
34-202Y	8mm Yellow PE Starburst Conical Snap Plug	200	8.25

12MM

For use with 12x32 MM SHELL VIALS

Catalog Number	Description	Case Pack	Case Price
34-210Y	12mm Yellow PE Starburst Conical Snap Plug	100	\$6.00
34-210	12mm Polyethylene Starburst Conical Snap Plug	100	5.50
34-210B	12mm Blue PE Starburst Conical Snap Plug	100	6.00
34-210G	12mm Green PE Starburst Conical Snap Plug	100	6.00
34-210R	12mm Red PE Starburst Conical Snap Plug	100	6.00

15MM

For use with 15x45 MM SHELL VIALS

Catalog Number	Description	Case Pack	Case Price
34-215	15mm Polyethylene Starburst Conical Snap Plug	100	\$5.65
34-215B	15mm Blue PE Starburst Conical Snap Plug	100	6.20
34-215G	15mm Green PE Starburst Conical Snap Plug	100	6.20
34-215R	15mm Red PE Starburst Conical Snap Plug	100	6.20
34-215Y	15mm Yellow PE Starburst Conical Snap Plug	100	6.20

CLOSURES

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CLOSURES

SNAP TOP CAPS™

11MM

For use with 12 x 32MM SNAP RING™ VIALS



Catalog Number	Description	Case Pack	Case Price
34-020	11mm Clear Snap Cap Seal	100	\$ 5.10
34-021	11mm Clear Snap Cap Seal w/Starburst	100	5.10
34-021B	11mm Blue Snap Cap Seal w/Starburst	100	5.60
34-021G	11mm Green Snap Cap Seal w/Starburst	100	5.60
34-021R	11mm Red Snap Cap Seal w/Starburst	100	5.60
34-021Y	11mm Yellow Snap Cap Seal w/Starburst	100	5.60
34-140	11mm Clear Snap Cap, 10mil PTFE	100	13.75
34-140B	11mm Blue Snap Cap, 10mil PTFE	100	14.45
34-140G	11mm Green Snap Cap, 10mil PTFE	100	14.45
34-140PP	11mm PP Snap Cap, 10mil PTFE	100	15.90
34-140R	11mm Red Snap Cap, 10mil PTFE	100	14.45
34-140Y	11mm Yellow Snap Cap, 10mil PTFE	100	14.45
34-142	11mm Clear Snap Cap, PTFE/Natural Rubber	100	14.75
34-142B	11mm Blue Snap Cap, PTFE/Natural Rubber	100	15.50
34-142G	11mm Green Snap Cap, PTFE/Natural Rubber	100	15.50
34-142PP	11mm PP Snap Cap, PTFE/Natural Rubber	100	17.00
34-142R	11mm Red Snap Cap, PTFE/Natural Rubber	100	15.50
34-142Y	11mm Yellow Snap Cap, PTFE/Natural Rubber	100	15.50
34-143	11mm Clear Snap Cap, PTFE/Silicone	100	22.00
34-143B	11mm Blue Snap Cap, PTFE/Silicone	100	23.10
34-143G	11mm Green Snap Cap, PTFE/Silicone	100	23.10
34-143PP	11mm PP Snap Cap, PTFE/Silicone	100	25.40
34-143R	11mm Red Snap Cap, PTFE/Silicone	100	23.10
34-143Y	11mm Yellow Snap Cap, PTFE/Silicone	100	23.10
34-144	11mm Clear Snap Cap, PTFE/Silicone/PTFE	100	26.50
34-144B	11mm Blue Snap Cap, PTFE/Silicone/PTFE	100	29.15
34-144G	11mm Green Snap Cap, PTFE/Silicone/PTFE	100	29.15
34-144PP	11mm PP Snap Cap, PTFE/Silicone/PTFE	100	32.06
34-144R	11mm Red Snap Cap, PTFE/Silicone/PTFE	100	29.15
34-144Y	11mm Yellow Snap Cap, PTFE/Silicone/PTFE	100	29.15
34-145	11mm Clear Snap Cap, PTFE/Silicone w/Slit	100	33.52
34-145B	11mm Blue Snap Cap, PTFE/Silicone w/Slit	100	35.20
34-145G	11mm Green Snap Cap, PTFE/Silicone w/Slit	100	35.20
34-145PP	11mm PP Snap Cap, PTFE/Silicone w/Slit	100	40.48
34-145R	11mm Red Snap Cap, PTFE/Silicone w/Slit	100	35.20
34-145Y	11mm Yellow Snap Cap, PTFE/Silicone w/Slit	100	35.20
34-146	11mm Snap Cap, PTFE/Silicone/PTFE w/Starburst	100	41.80
34-147	11mm Clear Snap Cap, PTFE/Silicone w/Starburst	100	30.60
34-148	11mm Clear Snap Cap, 10mil PTFE w/Starburst	100	27.80
34-149	11mm Clear Snap Cap, Black Viton w/Starburst	100	46.92
34-050	11mm Clear Snap Cap, Black Viton	100	39.78

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ENVIRONMENTAL

OPEN TOP CLEAR VIALS

Clear Borosilicate Glass Vials come assembled with reinforced polypropylene closures with your choice of .100 thick or .125 thick TEFLON®/Silicone Septa. Class 2000 and QA analyzed, Class 3000 are washed to EPA Protocol "B"



SIZE ML	SEPTA	CAP SIZE	CASE PACK	CLASS 1000		CLASS 2000		CLASS 3000	
				PRODUCT NUMBER	CASE PRICE	PRODUCT NUMBER	CASE PRICE	PRODUCT NUMBER	CASE PRICE
40	.125	24/414	9	9-100	\$ 4.00	9-100-2	\$ 6.74	9-100-3	\$ 7.65
40	.125	24/414	24	9-101	10.26	9-101-2	17.20	9-101-3	19.50
40	.125	24/414	72	9-102	39.20	9-102-2	46.90	9-102-3	53.20
40	.125	24/414	100	9-103	53.37	9-103-2	61.88	9-103-3	72.40
40	.125	24/414	144	9-104	74.48	9-104-2	86.45	9-104-3	101.00
40	.100	24/414	72	9-105	39.20	9-105-2	46.90	9-105-3	53.20
20	.125	24/414	72	9-106	36.40	9-106-2	46.20	9-106-3	53.20
20	.100	24/414	72	9-107	36.40	9-107-2	46.20	9-107-3	53.20
60	.125	24/414	24	9-108	19.60	9-108-2	26.60	9-108-3	36.40
60	.100	24/414	24	9-109	19.60	9-109-2	26.60	9-109-3	36.40

OPEN TOP AMBER VIALS

Amber Borosilicate Glass Vials come assembled with reinforced polypropylene closures with your choice of .100 thick or .125 thick TEFLON®/Silicone Septa. Class 2000 and QA analyzed, Class 3000 are washed to EPA protocol "B"

SIZE ML	SEPTA	CAP SIZE	CASE PACK	CLASS 1000		CLASS 2000		CLASS 3000	
				PRODUCT NUMBER	CASE PRICE	PRODUCT NUMBER	CASE PRICE	PRODUCT NUMBER	CASE PRICE
40	.125	24/414	9	9A-100	\$ 6.04	9A-100-2	\$ 7.14	9A-100-3	\$ 7.65
40	.125	24/414	24	9A-101	15.40	9A-101-2	18.22	9A-101-3	19.50
40	.125	24/414	72	9A-102	42.00	9A-102-2	49.70	9A-102-3	53.20
40	.125	24/414	100	9A-103	57.18	9A-103-2	67.65	9A-103-3	76.23
40	.125	24/414	144	9A-104	79.80	9A-104-2	94.50	9A-104-3	106.40
40	.100	24/414	72	9A-105	42.00	9A-105-2	49.70	9A-105-3	53.20
20	.125	24/414	72	9A-106	39.20	9A-106-2	49.00	9A-106-3	56.00
20	.100	24/414	72	9A-107	39.20	9A-107-2	49.00	9A-107-3	56.00
60	.125	24/414	24	9A-108	23.80	9A-108-2	30.80	9A-108-3	40.60
60	.100	24/414	24	9A-109	23.80	9A-109-2	30.80	9A-109-3	40.60

CLOSED TOP CLEAR VIALS

Clear Borosilicate Glass Vials come assembled with reinforced polypropylene closures and .015 thick TEFLON® Liner. Class 2000 and QA analyzed, Class 3000 are washed to EPA protocol "B"

SIZE ML	CAP SIZE	CASE PACK	CLASS 1000		CLASS 2000		CLASS 3000	
			PRODUCT NUMBER	CASE PRICE	PRODUCT NUMBER	CASE PRICE	PRODUCT NUMBER	CASE PRICE
40	24/414	72	9-120	\$36.40	9-120-2	\$46.20	9-120-3	\$51.80
20	24/414	72	9-121	33.60	9-121-2	43.40	9-121-3	49.00
60	24/414	24	9-122	18.20	9-122-2	25.20	9-122-3	35.00

AMBER VIALS

Amber Borosilicate Glass Vials come assembled with reinforced polypropylene closures and .015 thick TEFLON® Liner. Class 2000 and QA analyzed, Class 3000 are washed to EPA protocol "B"

SIZE ML	CAP SIZE	CASE PACK	CLASS 1000		CLASS 2000		CLASS 3000	
			PRODUCT NUMBER	CASE PRICE	PRODUCT NUMBER	CASE PRICE	PRODUCT NUMBER	CASE PRICE
40	24/414	72	9A-120	\$40.60	9A-120-2	\$50.40	9A-120-3	\$56.00
20	24/414	72	9A-121	37.80	9A-121-2	47.60	9A-121-3	53.20
60	24/414	24	9A-122	22.40	9A-122-2	29.40	9A-122-3	36.40

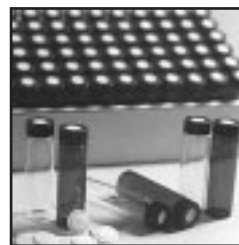
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ENVIRONMENTAL

PATENTED .125" TOP HAT™ SEPTA OPEN TOP CAP WITH PATENTED TOP HAT SEPTA

The patented design of the molded TOP HAT™ Septa, .125 Thick Teflon®/Silicone, locks into the cap securely. Available with Clear or Amber Borosilicate glass assembled with reinforced polypropylene closures. Class 2000 and QA analyzed, Class 3000 are washed to EPA protocol "B"



SIZE	CLEAR	CAP	CASE	CLASS 1000		CLASS 2000		CLASS 3000	
				PRODUCT	CASE	PRODUCT	CASE	PRODUCT	CASE
ML	AMBER	SIZE	PACK	NUMBER	PRICE	NUMBER	PRICE	NUMBER	PRICE
40	CLEAR	24/414	72	9-130	\$42.00	9-130-2	\$51.80	9-130-3	\$58.80
40	AMBER	24/414	72	9A-130	44.80	9A-130-2	54.60	9A-130-3	61.60
20	CLEAR	24/414	72	9-131	39.20	9-131-2	49.00	9-131-3	56.00
20	AMBER	24/414	72	9A-131	42.00	9A-131-2	51.80	9A-131-3	58.80
60	CLEAR	24/414	24	9-132	21.00	9-132-2	28.00	9-132-3	37.80
60	AMBER	24/414	24	9A-132	25.20	9A-132-2	32.20	9A-132-3	42.00

WIDE MOUTH SEPTUM JARS

CLEAR WIDE MOUTH SEPTUM JARS with open top caps and a TEFLON®/Silicone Septa ultrasonically welded into the closure.

SIZE	SIZE	CASE	CAP	CLASS 1000		CLASS 2000		CLASS 3000	
				PRODUCT	CASE	PRODUCT	CASE	PRODUCT	CASE
ML	OZ	PACK	SIZE	NUMBER	PRICE	NUMBER	PRICE	NUMBER	PRICE
60	2 (short)	24	53/400	9-140	\$33.11	9-140-2	\$38.92	9-140-3	\$46.70
125	4 (tall)	24	48/400	9-141	36.32	9-141-2	30.40	9-141-3	60.48
250	8 (tall)	12	58/400	9-142	19.60	9-142-2	28.00	9-142-3	33.60



Wide Mouth Septum Jars come with a polypropylene cap and ultrasonically welded Teflon®/Silicone Septa. Cleaning procedures are described on page 150

AMBER WIDE MOUTH GLASS SEPTUM JARS with open top caps and a TEFLON®/Silicone Septa ultrasonically welded into the closure.

SIZE	SIZE	CASE	CAP	CLASS 1000		CLASS 2000		CLASS 3000	
				PRODUCT	CASE	PRODUCT	CASE	PRODUCT	CASE
ML	OZ	PACK	SIZE	NUMBER	PRICE	NUMBER	PRICE	NUMBER	PRICE
500	16	12	53/400	9-150	\$21.00	9-150-2	\$28.35	9-150-3	\$34.02
1000	32	12	53/400	9-151	24.50	9-151-2	30.80	9-151-3	36.40

SEPTUM BOTTLES

CLEAR GLASS SEPTUM BOTTLES with open top closure and TEFLON®/Silicone Septa.

SIZE	SIZE	CASE	CAP	CLASS 1000		CLASS 2000		CLASS 3000	
				PRODUCT	CASE	PRODUCT	CASE	PRODUCT	CASE
ML	OZ	PACK	SIZE	NUMBER	PRICE	NUMBER	PRICE	NUMBER	PRICE
30	1	24	20/400	9-160	\$21.53	9-160-2	\$27.44	9-160-3	\$32.93
60	2	24	20/400	9-161	22.71	9-161-2	28.00	9-161-3	33.60
125	4	24	22/400	9-162	25.06	9-162-2	30.80	9-162-3	36.96
250	8	12	24/400	9-163	13.83	9-163-2	16.80	9-163-3	20.16
500	16	12	28/400	9-164	17.22	9-164-2	21.14	9-164-3	25.48



Septum Bottles come with open top polypropylene caps and Teflon®/Silicone Septa. Cleaning procedures are described on page 150

AMBER GLASS SEPTUM BOTTLES with open top closure and TEFLON®/Silicone Septa.

SIZE	SIZE	CASE	CAP	CLASS 1000		CLASS 2000		CLASS 3000	
				PRODUCT	CASE	PRODUCT	CASE	PRODUCT	CASE
ML	OZ	PACK	SIZE	NUMBER	PRICE	NUMBER	PRICE	NUMBER	PRICE
30	1	24	20/400	9A-160	\$21.53	9A-160-2	\$27.44	9A-160-3	\$32.93
60	2	24	20/400	9A-161	22.70	9A-161-2	28.00	9A-161-3	33.60
125	4	24	22/400	9A-162	25.06	9A-162-2	30.80	9A-162-3	36.96
250	8	12	24/400	9A-163	13.83	9A-163-2	16.80	9A-163-3	20.16
500	16	12	28/400	9A-164	17.22	9A-164-2	21.14	9A-164-3	25.48

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ENVIRONMENTAL

BOSTON ROUND BOTTLES AMBER GLASS

IDEAL FOR UV LIGHT-SENSITIVE LIQUID SAMPLES

AMBER GLASS BOSTON ROUND BOTTLES with .015" TEFLON® lined closed top polypropylene closures.



SIZE ML	SIZE OZ	CASE PACK	CAP SIZE	CLASS 1000		CLASS 2000		CLASS 3000	
				PRODUCT NUMBER	CASE PRICE	PRODUCT NUMBER	CASE PRICE	PRODUCT NUMBER	CASE PRICE
30	1	24	20/400	9A170	\$11.44	9A170-2	\$17.39	9A170-3	\$22.61
60	2	24	20/400	9A171	12.60	9A171-2	19.15	9A171-3	24.89
125	4	24	22/400	9A172	14.00	9A172-2	21.28	9A172-3	27.66
250	8	12	24/400	9A173	7.25	9A173-2	11.06	9A173-3	14.38
500	16	12	28/400	9A174	9.58	9A174-2	14.56	9A174-3	18.93
1000	32	12	33/400	9A175	13.16	9A175-2	20.02	9A175-3	26.02
2360	80	6	38/430	9A176	19.60	9A176-2	29.82	9A176-3	45.33

Amber Boston Rounds come assembled with Teflon® lined polypropylene closures. Cleaning procedures are described on page 150.

BOSTON ROUND BOTTLES CLEAR GLASS

CLEAR GLASS BOSTON ROUND BOTTLES with .015" TEFLON® lined closed top polypropylene closures.



SIZE ML	SIZE OZ	CASE PACK	CAP SIZE	CLASS 1000		CLASS 2000		CLASS 3000	
				PRODUCT NUMBER	CASE PRICE	PRODUCT NUMBER	CASE PRICE	PRODUCT NUMBER	CASE PRICE
30	1	24	20/400	9-170	\$11.44	9-170-2	\$17.39	9-170-3	\$22.61
60	2	24	20/400	9-171	12.60	9-171-2	19.15	9-171-3	24.89
125	4	24	22/400	9-172	14.00	9-172-2	21.28	9-172-3	27.66
250	8	12	24/400	9-173	7.25	9-173-2	11.06	9-173-3	14.38
500	16	12	28/400	9-174	9.58	9-174-2	14.56	9-174-3	18.93
1000	32	12	33/400	9-175	13.16	9-175-2	20.02	9-175-3	26.02
2360	80	6	38/430	9-176	19.60	9-176-2	29.82	9-176-3	45.33

Clear Boston Rounds come with Teflon® lined polypropylene closures. Cleaning procedures are described on page 150.

SHORT WIDE MOUTH CLEAR GLASS JARS

Ideal for use in soil, sediment and sludge sampling

CLEAR GLASS SHORT WIDE MOUTH JARS with .015" TEFLON® lined closed top polypropylene closures.



SIZE ML	SIZE OZ	CASE PACK	CAP SIZE	CLASS 1000		CLASS 2000		CLASS 3000	
				PRODUCT NUMBER	CASE PRICE	PRODUCT NUMBER	CASE PRICE	PRODUCT NUMBER	CASE PRICE
60	2	24	53/400	9-180	\$13.66	9-180-2	\$20.76	9-180-3	\$26.99
125	4	24	58/400	9-181	14.50	9-181-2	22.05	9-181-3	28.67
250	8	24	70/400	9-182	21.07	9-182-2	29.12	9-182-3	37.87
500	16	12	89/400	9-183	15.54	9-183-2	23.62	9-183-3	30.72
1000	32	12	89/400	9-184	18.84	9-184-2	24.85	9-184-3	32.34

Short Wide Mouth Jars come with Teflon® lined polypropylene closures. Cleaning procedures are described on page 150.

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ENVIRONMENTAL

TALL WIDE MOUTH CLEAR GLASS JARS

Ideal for use in soil, sludge and sediment sampling
 CLEAR GLASS TALL WIDE MOUTH JARS with .015" TEFLON® lined closed top polypropylene closures.



SIZE ML	SIZE OZ	CASE PACK	CAP SIZE	CLASS 1000		CLASS 2000		CLASS 3000	
				PRODUCT NUMBER	CASE PRICE	PRODUCT NUMBER	CASE PRICE	PRODUCT NUMBER	CASE PRICE
125	4	24	48/400	9-190	\$14.64	9-190-2	\$22.26	9-190-3	\$28.94
250	8	12	58/400	9-191	10.15	9-191-2	15.40	9-191-3	20.02
500	16	12	70/400	9-192	13.24	9-192-2	20.13	9-192-3	26.18
1000	64	6	83/400	9-193	15.06	9-193-2	22.90	9-193-3	29.79
4000	128	4	89/400	9-194	21.00	9-194-2	28.00	9-194-3	36.40

Tall Wide Mouth Jars come with Teflon® lined polypropylene closures. Cleaning procedures are described on page 150.

HIGH DENSITY POLYETHYLENE BOTTLES AND JARS

For use in metals analyses
 SAVE 20% by Buying Our Bulk Quantity Box

WIDE MOUTH

HIGH DENSITY NATURAL POLYETHYLENE JARS with foamed polyethylene lined polypropylene closures.



SIZE ML	SIZE OZ	CASE PACK	CAP SIZE	CLASS 1000		CLASS 2000	
				PRODUCT NUMBER	CASE PRICE	PRODUCT NUMBER	CASE PRICE
60	2	24	33/400	9-200	\$ 6.30	9-200-2	\$9.58
60	2	960	33/400	9-200B	201.60	9-200B-2	306.56
125	4	24	38/400	9-201	7.88	9-201-2	11.98
125	4	540	38/400	9-201B	141.88	9-201B-2	215.71
250	8	24	45/400	9-202	9.42	9-202-2	14.32
250	8	230	45/400	9-202B	72.24	9-202B-2	109.80
500	16	12	53/400	9-203	7.39	9-203-2	11.26
500	16	144	53/400	9-203B	70.96	9-203B-2	108.06
1000	32	12	53/400	9-204	10.16	9-204-2	15.48
1000	32	72	53/400	9-204B	48.77	9-204B-2	74.32
2000	68	6	89/400	9-205	10.26	9-205-2	15.60
2000	68	30	89/400	9-205B	41.05	9-205B-2	62.38
4000	128	4	89/400	9-206	8.13	9-206-2	12.36
4000	128	12	89/400	9-206B	19.52	9-206B-2	29.67

NARROW MOUTH

CYLINDER ROUND HIGH DENSITY NATURAL POLYETHYLENE BOTTLE with foamed polyethylene lined polypropylene closures.

SIZE ML	SIZE OZ	CASE PACK	CAP SIZE	CLASS 1000		CLASS 2000	
				PRODUCT NUMBER	CASE PRICE	PRODUCT NUMBER	CASE PRICE
125	4	24	20/400	9-210	\$ 6.97	9-210-2	\$ 13.86
125	4	470	20/400	9-210B	109.20	9-210B-2	217.14
250	8	24	24/400	9-211	7.21	9-211-2	14.81
250	8	230	24/400	9-211B	69.10	9-211B-2	113.56
500	16	12	24/400	9-212	4.87	9-212-2	10.00
500	16	144	24/400	9-212B	46.77	9-212B-2	96.00
1000	32	12	28/400	9-213	5.46	9-213-2	11.20
1000	32	84	28/400	9-213B	30.58	9-213B-2	62.72
4000	128	4	33/400	9-214	10.64	9-214-2	19.46
4000	128	12	33/400	9-214B	25.54	9-214B-2	46.70

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ENVIRONMENTAL

AMBER GLASS WIDE MOUTH PACKER

Ideal For UV Light-Sensitive Samples

AMBER GLASS WIDE MOUTH PACKERS with .015" TEFLON® lined closed top polypropylene closures.



SIZE ML	SIZE OZ	CASE PACK	CAP SIZE	CLASS 1000		CLASS 2000		CLASS 3000	
				PRODUCT NUMBER	CASE PRICE	PRODUCT NUMBER	CASE PRICE	PRODUCT NUMBER	CASE PRICE
30	1	24	28/400	9-220	\$10.47	9-220-2	\$15.74	9-220-3	\$20.47
60	2	24	33/400	9-221	10.68	9-221-2	16.24	9-221-3	21.14
125	4	24	38/400	9-222	12.67	9-222-2	19.26	9-222-3	25.05
250	8	24	45/400	9-223	15.54	9-223-2	21.39	9-223-3	27.82
500	16	12	53/400	9-224	11.34	9-224-2	17.25	9-224-3	22.43
1000	32	12	53/400	9-225	14.76	9-225-2	22.43	9-225-3	29.18
2360	80	12	70/400	9-226	51.80	9-226-2	63.00	9-226-3	81.90

Amber Glass Wide Mouth Packers come assembled with Teflon® lined polypropylene closures. Cleaning procedures are described on page 150.

SILANE TREATED VIALS

AUTOSAMPLER VIALS are treated by silylation. Active Silanol groups on untreated glass surfaces can absorb sample compounds, causing low recovery. Silylation inactivates glass vials, improving sample recovery.



8 MM THREADED

VIAL DESCRIPTION	CAP SIZE	LINER TYPE	CASE PACK	PRODUCT NUMBER	PRICE
12 X 32 MM Clear	8 MM/425	PTFE	100	9-230	\$36.00
12 X 32 MM Amber	8 MM/425	PTFE	100	9A-230	37.65
12 X 32 MM Clear	8 MM/425	PTFE/Silicone	100	9-231	42.00
12 X 32 MM Amber	8 MM/425	PTFE/Silicone	100	9A-231	40.60

11 MM SNAP RING WITH SNAP TOP CAP*

VIAL DESCRIPTION	CAP SIZE	LINER TYPE	CASE PACK	PRODUCT NUMBER	PRICE
12 X 32 MM Clear	11 MM Snap Cap	PTFE	100	9-232	\$38.25
12 X 32 MM Amber	11 MM Snap Cap	PTFE	100	9A-232	38.63
12 X 32 MM Clear	11 MM Snap Cap	PTFE/Silicone	100	9-233	45.15
12 X 32 MM Amber	11 MM Snap Cap	PTFE/Silicone	100	9A-233	45.75

13 MM THREADED

VIAL DESCRIPTION	CAP SIZE	LINER TYPE	CASE PACK	PRODUCT NUMBER	PRICE
15 x 45 MM Clear	13 MM/425	PTFE	100	9-234	\$36.15
15 x 45 MM Amber	13 MM/425	PTFE	100	9A-234	37.80
15 x 45 MM Clear	13 MM/425	PTFE/Silicone	100	9-235	46.50
15 x 45 MM Amber	13 MM/425	PTFE/Silicone	100	9A-235	49.50

13 MM SNAP RING WITH SNAP CAP*

VIAL DESCRIPTION	CAP SIZE	LINER TYPE	CASE PACK	PRODUCT NUMBER	PRICE
15 x 45 MM Clear	13 MM Snap Cap	PTFE	100	9-236	\$40.50
15 x 45 MM Amber	13 MM Snap Cap	PTFE	100	9A-236	40.65
15 x 45 MM Clear	13 MM Snap Cap	PTFE/Silicone	100	9-237	48.00
15 x 45 MM Amber	13 MM Snap Cap	PTFE/Silicone	100	9A-237	48.15

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ENVIRONMENTAL

PRECLEANED AUTOSAMPLER VIALS

AUTOSAMPLER VIALS come assembled with vial, closure and liner. Vial, closure and liner are washed according to EPA Protocol "B". Other cleaning methods are available upon request. Vials are made of Borosilicate Glass, Clear or Amber and come assembled with your choice of a variety of liner types shown below. Vials are also available with a certificate of analysis, Class 3000.



8 MM THREADED

VIAL DESCRIPTION	CAP SIZE	LINER TYPE	CASE PACK	PRECLEANED	PRECLEANED & QA ANALYZED		
				CLASS 2000	CLASS 3000	CLASS 3000	CLASS 3000
				PRODUCT NUMBER	CASE PRICE	PRODUCT NUMBER	CASE PRICE
12 X 32 MM Clear	8 MM/425	PTFE	100	9-240	\$29.40	9-240-2	\$39.69
12 X 32 MM Amber	8 MM/425	PTFE	100	9-241	30.94	9-241-2	41.79
12 X 32 MM Clear	8 MM/425	PTFE/Silicone	100	9-242	35.00	9-242-2	47.25
12 X 32 MM Amber	8 MM/425	PTFE/Silicone	100	9-243	36.40	9-243-2	49.14
12 X 32 MM Clear	8 MM/425	Top Hat™ Septa**	100	9-244	37.80	9-244-2	51.03
12 X 32 MM Amber	8 MM/425	Top Hat™ Septa**	100	9-245	39.20	9-245-2	52.92

11 MM SNAP RING WITH SNAP TOP CAP*

VIAL DESCRIPTION	CAP SIZE	LINER TYPE	CASE PACK	PRECLEANED	PRECLEANED & QA ANALYZED		
				CLASS 2000	CLASS 3000	CLASS 3000	CLASS 3000
				PRODUCT NUMBER	CASE PRICE	PRODUCT NUMBER	CASE PRICE
12 X 32 MM Clear	11 MM Snap Cap*	PTFE	100	9-250	\$31.36	9-250-2	\$42.35
12 X 32 MM Amber	11 MM Snap Cap*	PTFE	100	9-251	33.25	9-251-2	44.94
12 X 32 MM Clear	11 MM Snap Cap*	PTFE/Silicone	100	9-252	37.94	9-252-2	51.24
12 X 32 MM Amber	11 MM Snap Cap*	PTFE/Silicone	100	9-253	38.50	9-253-2	52.00

13 MM THREADED

VIAL DESCRIPTION	CAP SIZE	LINER TYPE	CASE PACK	PRECLEANED	PRECLEANED & QA ANALYZED		
				CLASS 2000	CLASS 3000	CLASS 3000	CLASS 3000
PRICE				PRODUCT NUMBER	CASE PRICE	PRODUCT NUMBER	CASE PRICE
15 X 45 MM Clear	13 MM/425	PTFE	100	9-260	\$29.54	9-260-2	\$39.90
15 X 45 MM Amber	13 MM/425	PTFE	100	9-261	31.08	9-261-2	42.00
15 X 45 MM Clear	13 MM/425	PTFE/Silicone	100	9-262	41.85	9-262-2	52.78
15 X 45 MM Amber	13 MM/425	PTFE/Silicone	100	9-263	42.00	9-263-2	56.70
15 X 45 MM Clear	13 MM/425	Top Hat™ Septa**	100	9-264	41.72	9-264-2	56.35
15 X 45 MM Amber	13 MM/425	Top Hat™ Septa**	100	9-265	43.40	9-265-2	58.59

13 MM SNAP RING WITH SNAP TOP CAP*

VIAL DESCRIPTION	CAP SIZE	LINER TYPE	CASE PACK	PRECLEANED	PRECLEANED & QA ANALYZED		
				CLASS 2000	CLASS 3000	CLASS 3000	CLASS 3000
				PRODUCT NUMBER	CASE PRICE	PRODUCT NUMBER	CASE PRICE
15 X 45 MM Clear	13 MM Snap Cap*	PTFE	100	9-270	\$33.39	9-270-2	\$45.08
15 X 45 MM Amber	13 MM Snap Cap*	PTFE	100	9-271	33.67	9-271-2	45.50
15 X 45 MM Clear	13 MM Snap Cap*	PTFE/Silicone	100	9-272	40.39	9-272-2	54.60
15 X 45 MM Amber	13 MM Snap Cap*	PTFE/Silicone	100	9-273	40.67	9-273-2	54.95

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ENVIRONMENTAL

WHIRL-PAK® DISPOSABLE SAMPLING BAGS

ALL WHIRL-PAK® BAGS are made of heavy transparent polyethylene. WHIRL-PAK® BAGS are sterilized, easy to store, disposable, economical, and are ideal for liquid or solid samples. WHIRL-PAK® BAGS are also available with a white write-on strip for identification with a ball point pen, pencil or felt tip marker.



CAPACITY	SIZE	CASE	PRODUCT	WITH WHITE WRITE ON STRIP		PRICE
				PRICE	PRODUCT	
2 OZ.	3x5	500	9-280	\$30.60	9-280W	\$32.80
4 OZ.	3x7	500	9-281	31.45	9-281W	33.65
18 OZ.	4 1/2 x 9	500	9-282	44.35	9-282W	47.60
24 OZ.	6x9	500	9-283	54.65	9-283W	76.30
36 OZ.	5x15	500	9-284	70.80		

WHIRL-PAK® SODIUM THIOSULFATE BAGS

ALL WHIRL-PAK® SODIUM THIOSULFATE BAGS are approved for collection of microbiological samples for "Natural Pollutant Discharge Elimination System" (NPDES) compliance monitoring. This EPA approved, heavy transparent polyethylene bag is sterile and contains a non-toxic, non nutritive, 10ml. active ingredient tablet of sodium thiosulfate to neutralize the chlorine at point of collection. Bags have a white write-on strip for sample identification.

CAPACITY OZ.	CASE PACK	PRODUCT NUMBER	PRICE
4 OZ. (Holds 120 ML. Sample)	100	9-290	\$15.10
18 OZ. (Holds 300 ML. Sample)	100	9-291	33.45

PLASTIC COATED RACKS

PLASTIC COATED RACKS for storing and transporting Whirl-pak® BAGS.

SIZE	NUMBER OF COMPARTMENTS	TO FIT BAG SIZE	PRODUCT NUMBER	PRICE
6 3/4 x 12 3/4 X 3	21	2 OZ., 6 OZ.	9-292	\$19.50
10 3/4 x 10 3/4 X 3 1/4	12	18 OZ., 24 OZ.	9-293	23.65

WATER SAMPLE CONTAINER (PET)

Designed specifically for microbiological water testing, these 500ml bottles are used throughout the laboratory sector for their convenience and reliability. Unique square design, easily packed and stored. Easy to handle when collecting sample and writing on label. Clear and robust PET bottle. Leakproof bore seal polypropylene cap (recycling logo on base). Tamper evident to maintain sterility. Sterilized by gamma irradiation. Wide neck to minimize risk of contamination. Dosed with Sodium Thiosulphate for the neutralization of free and residual Chlorine. Also available undosed. Printed write-on label allows for full sample details. Individual labels are labeled with lot number and expiration date (up to 12 months).



Cat. No.	Description	Volume ml	Sterility	Closure Size mm	No./case	Price/case
9-300	Dosed with Sodium Thiosulphate	500	lr	38	70	\$285.00
9-301	Undosed	500	lr	38	70	\$259.00

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SAFETY COATED CONTAINERS

Containers are coated with an impact resistant thermoplastic. Safety coating provides a new, added level of safety and convenience. In the event the container breaks, the coating safely contains the contents long enough for proper disposal. The coating strength, slip resistance, and impact absorption dramatically reduced potential breakage and increases manual handling stability. All bottles and jars are assembled with a polypropylene closure lined with .015 TEFLON®.



BOSTON ROUND BOTTLES CLEAR AND AMBER

SIZE ML	SIZE OZ	CASE PACK	CAP SIZE	CLEAR/ AMBER	UNCLEANED	CASE PRICE	PRECLEANED	CASE PRICE
					CLASS 1000 PRODUCT NUMBER		CLASS 2000 PRODUCT NUMBER	
250	8	12	24/400	Clear	9-310	\$21.00	9-310-2	\$28.50
250	8	12	24/400	Amber	9A-310	21.00	9A-310-2	28.50
500	16	12	28/400	Clear	9-311	24.64	9-311-2	33.30
500	16	12	28/400	Amber	9A-311	24.64	9A-311-2	33.30
1000	32	12	33/430	Clear	9-312	38.40	9-312-2	51.83
1000	32	12	33/430	Amber	9A-312	38.40	9A-312-2	51.83
2360	80	6	38/439	Clear	9-313	38.40	9-313-2	51.90
2360	80	6	38/439	Amber	9A-313	38.40	9A-313-2	51.90
4000	128	4	38/434	Amber	9A-314	46.88	9A-314-2	63.00

AMBER GLASS WIDE MOUTH PACKER

SIZE ML	SIZE OZ	CASE PACK	CAP SIZE	PRODUCT NUMBER	UNCLEANED	PRODUCT NUMBER	PRECLEANED
					CLASS 1000 CASE PRICE		CLASS 2000 CASE PRICE
250	8	24	45/400	9-320	\$48.12	9-320-2	\$64.50
500	16	12	53/400	9-321	34.50	9-321-2	46.58
950	32	12	53/400	9-322	41.85	9-322-2	56.49
2500	80	6	70/400	9-323	98.25	9-323-2	132.75

CLEAR GLASS WIDE MOUTH JARS

SIZE ML	SIZE OZ	CASE PACK	CAP SIZE	PRODUCT NUMBER	UNCLEANED	PRODUCT NUMBER	PRECLEANED
					CLASS 1000 CASE PRICE		CLASS 2000 CASE PRICE
250	8 (Short)	24	70/400	9-330	\$56.10	9-330-2	\$75.74
500	16 (Tall)	12	70/400	9-331	30.45	9-331-2	41.10
1000	32 (Tall)	12	70/400	9-332	38.78	9-332-2	52.35

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ENVIRONMENTAL

REPLACEMENT TEFLON®/ SILICONE SEPTA AND TEFLON® CAP LINERS



TEFLON® CAP LINERS .015" THICK 72 PIECES PER PACK

CAP SIZE	PRODUCT NUMBER	PRICE
20mm	9-340	\$4.34
22mm	9-341	4.84
24mm	9-342	6.05
28mm	9-343	7.87
33mm	9-344	8.06
38mm	9-345	10.70
45mm	9-346	13.10
48mm	9-347	16.13
53mm	9-348	18.56
58mm	9-349	19.96
63mm	9-350	29.03
70mm	9-351	31.67
89mm	9-352	54.42

SEPTA CAPS POLYPROPYLENE OPEN TOP CLOSURES WITH ULTRASONICALLY WELDED TEFLON®/SILICONE SEPTA 72 PIECES PER PACK

CAP SIZE	PRODUCT NUMBER	PRICE
48/400	9-360	\$96.00
53/400	9-361	97.00
58/414	9-362	98.00

TEFLON®/SILICONE SEPTA .125" THICK .005 TEFLON®/.120 SILICONE 72 PIECES PER PACK

CAP SIZE	PRODUCT NUMBER	PRICE
24mm	9-365	\$20.16

.100" THICK .010 TEFLON®/ .090 SILICONE 72 PIECES PER PACK

CAP SIZE	PRODUCT NUMBER	PRICE
24mm	9-370	\$20.78

.050" THICK .010 TEFLON®/ .040 SILICONE 72 PIECES PER PACK

CAP SIZE	PRODUCT NUMBER	PRICE
20mm	9-375	\$46.37
22mm	9-376	50.40
24mm	9-377	54.46
28mm	9-378	62.58

REPLACEMENT CLOSURES



CLOSED TOP POLYPROPYLENE CLOSURES LINERLESS 72 PIECES PER PACK

CAP SIZE	PRODUCT NUMBER	PRICE
20/400	9-380	\$3.88
22/400	9-381	3.95
24/400	9-382	4.00
28/400	9-383	4.05
33/400	9-384	4.15
38/400	9-385	4.20
45/400	9-386	4.31
48/400	9-387	4.65
53/400	9-388	5.46
58/400	9-389	5.60
63/400	9-390	6.24
70/400	9-391	7.00
89/400	9-392	17.98

CLOSED TOP POLYPROPYLENE CLOSURES WITH POLYETHYLENE FOAM LINER (F217) 72 PIECES PER PACK

CAP SIZE	PRODUCT NUMBER	PRICE
20/410	9-400	\$5.74
22/400	9-401	4.59
24/410	9-402	5.04
28/400	9-403	5.11
33/400	9-404	5.39
38/400	9-405	5.60
45/400	9-406	5.90
53/400	9-407	7.78
63/400	9-408	9.86
70/400	9-409	11.98
83/400	9-410	22.26
89/400	9-411	25.42

CLOSED TOP POLYPROPYLENE CLOSURES WITH .015" TEFLON®/LINER 72 PIECES PER PACK

CAP SIZE	PRODUCT NUMBER	PRICE
20/400	9-420	\$9.27
22/400	9-421	9.88
24/414	9-422	11.09
28/400	9-423	11.20
33/400	9-424	11.20
38/400	9-425	13.92
45/400	9-426	17.14
48/400	9-427	20.79
53/400	9-428	24.08
58/400	9-429	25.65
63/400	9-430	35.28
70/400	9-431	38.64
89/400	9-432	69.93

OPEN TOP POLYPROPYLENE CLOSURES LINERLESS 72 PIECES PER PACK

CAP SIZE	PRODUCT NUMBER	PRICE
20/400	9-440	\$5.30
22/400	9-441	5.40
24/414	9-442	5.45
28/400	9-443	5.50

CONTAINERS CAN BE PREPARED IN ONE OF THREE WAYS

CLASS 1000

Containers are assembled with Liner and Closure without EPA washing treatment.

CLASS 2000

Containers, Liner, and Closure are cleaned according to EPA Guidelines and assembled.

CLASS 3000

Container, Liner and Closure are cleaned according to EPA Guidelines assembled and quality assurance analyzed.

An independent laboratory is used to certify the containers cleanliness, assuring impartial results.

CONTAINERS CAN BE CLEANED TO ONE OF THE FOLLOWING EPA PROCEDURES

CLEANING PROCEDURE "A"

Wash containers with laboratory grade non-phosphate detergent, multiple tap water and ASTM type I deionized water rinses and 1:1 HNO₃ (Nitric Acid). Containers are oven dried at 125°C.

CLEANING PROCEDURE "B"

Wash containers with laboratory grade non-phosphate detergent, multiple tap water and ASTM type I deionized water rinses. Containers are oven dried at 125°C.

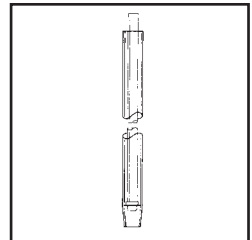
CLEANING PROCEDURE "C"

Wash plastic containers with laboratory grade non-phosphate detergent, multiple tap water and ASTM type I deionized water rinses and 1:1 HNO₃ (Nitric Acid) rinses. Containers are air dried.

Containers are washed to Procedure "B" unless specified otherwise.

GLASS COLIWASIS

- Easy to use
 - Liquid-tight Teflon® seal
 - Teflon seal design permits sampling to within 1/2" of drum bottom
 - Prescored for disposal after a single use, or unscored for repeated use
- When sample has been collected, lower and press lightly on the inner tube, which positively seats the Teflon seal, locking the sample column into place. Unit is 7/8" x 42" long and has a tapered bottom with approximately 1/2" diameter opening. Sample capacity of 200 mL.



Catalog Number	Description	Material	Case Pack	Case Price
Disposable Unit				
9-450	Prescored	Soda lime glass	12	\$81.68
Reusable Unit				
9-451	Unscored	Type I borosilicate glass	12	\$199.91
9-452	Prescored	Type I borosilicate glass	12	200.76
9-453	Replacement seals	Teflon	10	20.60

SLS-LUX Scientific

ENVIRONMENTAL

COLIFORM TESTING WATER SAMPLING BOTTLE

120ml Polypropylene Hinged-Cap Bottle is sterilized, has a tamper evident shrink seal, and is preserved with a sodium thiosulfate tablet. Bottle has 100ml line markings to aid in sample collection.

CATALOG NUMBER	CASE QUANTITY	CASE PRICE
9-470	250	\$69.00



120ml Polypropylene Hinged-Cap Bottle is sterilized, has a tamper evident custody top. Not Preserved. Bottle has 100ml line markings to aid in taking samples.

CATALOG NUMBER	CASE QUANTITY	CASE PRICE
9-474	250	\$59.00



120ml Polypropylene Economy Bottle with Screw Cap. Not Sterilized and without preservative. Bottle has a mark indicating the 100ml line to aid in taking samples.

CATALOG NUMBER	CASE QUANTITY	CASE PRICE
9-476	250	\$56.00



BLACK BOD BOTTLE

This bottle is ideal for the light bottle/dark bottle method. A standard 300 ml borosilicate glass BOD bottle with a heavy coating of black plasticol to block light rays in the range of 4000 to 8000 angstrom units. Inhibits production of oxygen by algae. For use in marine photo-synthesis projects where a comparison of oxygen in a light and dark bottle is required. Complete with ground glass stopper and opaque black cap. A foam insert in cap holds stopper in place during rough handling.



Catalog Number	Size mL	Dia x Hgt mm	Approx. Neck ID mm	Case Pack	Case Price
9-505	300	73 x 167	16.7	20	\$254.81

BOD BOTTLE STOPPERS

Glass
Replacement ground glass stoppers for BOD bottles.

Catalog Number	Case Pack	Case Price
9-508	12	\$31.20



Plastic
Replacement Acrylic stoppers for BOD bottles.

Catalog Number	Case Pack	Case Price
9-509	12	\$31.20

OPEN-ENDED DRUM THIEVES

Glass Units
Soda lime glass units can be easily broken for quick disposal.

Catalog Number	Approx Capacity mL*	Diameter mm	Case Pack	Case Price
9-455	25	7.5	100	\$95.14
9-456	75	12	24	44.72
9-457	150	18	24	64.13

Stainless Steel Units
Constructed of 304 stainless steel, units are reusable. These units are 43" long.

Catalog Number	Approx Capacity mL*	Diameter Inches	Case Pack	Case Price
9-458	25	3/8	2	\$136.13
9-459	75	1/2	2	166.88



1 - 8 0 0 - 2 2 0 - 7 5 7 4

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ENVIRONMENTAL

BAR CODED BOD BOTTLES WITH PLASTIC STOPPERS



For incubating diluted samples of sewage, sewage effluents, polluted waters and industrial wastes to determine the amount of oxygen required during stabilization of the decomposable organic matter by aerobic biochemical action. See Standard Methods for the Examination of Water and Wastewater, 18th Edition, 5210B. Wheaton 300 mL BOD Bottles are now offered with bar coding and new expanded labels permanently screened with easy-to-read numbers for recording accuracy. Clear break-resistant acrylic stoppers facilitate robotic manipulation.

Catalog Number	Number Sequence	Dia x Hgt mm	Approx Neck ID mm	Case Pack	Case Price
9-480	Un-numbered	69 x 165	16.7	24	\$184.00
9-481	1 - 24	69 x 165	16.7	24	192.00
9-482	49 - 72	69 x 165	16.7	24	192.00
9-483	73 - 96	69 x 165	16.7	24	192.00
9-484	97 - 120	69 x 165	16.7	24	192.00
9-485	121 - 144	69 x 165	16.7	24	192.00
9-486	145 - 168	69 x 165	16.7	24	192.00
9-487	169 - 192	69 x 165	16.7	24	192.00
9-488	193 - 216	69 x 165	16.7	24	192.00
9-489	217 - 240	69 x 165	16.7	24	192.00
9-490	241 - 264	69 x 165	16.7	24	192.00
9-491	265 - 288	69 x 165	16.7	24	192.00
9-492	289 - 312	69 x 165	16.7	24	192.00
9-493	313 - 336	69 x 165	16.7	24	192.00
9-494	337 - 360	69 x 165	16.7	24	192.00
9-495	361 - 384	69 x 165	16.7	24	192.00
9-496	385 - 408	69 x 165	16.7	24	192.00
9-497	409 - 432	69 x 165	16.7	24	192.00

Without Stopper

9-498	Un-numbered	69 x 165	16.7	24	145.70
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WHEATON BOD BOTTLES



These 60 mL BOD Bottles are used for incubating diluted samples of sewage, sewage effluents, polluted waters and industrial wastes to determine the amount of oxygen required during stabilization of the decomposable organic matter by aerobic biochemical action. See Water and Wastewater, 18th Edition, 1992.

Interchangeable ground stoppers are tapered to prevent air entrapment. Bottles have a flared lip for water seal. Samples are easy to identify with a white marking area on the bottles. Bottles are also numbered in sequence.

Manufactured from Wheaton "400" glass.

Note: For special orders, a 35% surcharge will be added.

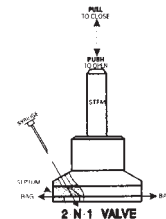
Catalog Number	Number Sequence	Dia x Hgt mm	Approx Neck ID mm	Case Pack	Case Price
9-500	Un-numbered	43 x 115	16.7	36	\$395.00
9-501	1 - 36	43 x 115	16.7	36	463.00
9-502	37 - 72	43 x 115	16.7	36	463.00
9-503	73 - 108	43 x 115	16.7	36	463.00

TEDLAR® AND TEFLON® GAS SAMPLE BAGS



- Low permeability
- Minimal sample loss
- Reusable/cleanable
- Non-contaminating
- Chemically inert
- No plasticizers
- Leak tested
- Mechanically strong

with
POLYPROPYLENE 2-N-1®
COMBINATION
ON/OFF VALVE & SEPTUM
FITTING

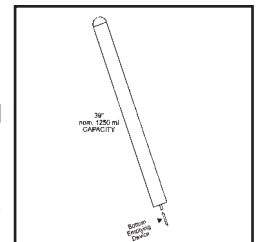


Size Inches	Capacity Liters	Tedlar Bag		Teflon Bag	
		Catalog Number	Price Each	Catalog Number	Price Each
7x7	1	9-510	\$8.63	9-515	\$16.21
9x12	2	9-511	10.32	9-516	21.62
12x12	5	9-512	11.36	9-517	24.48
12x19	10	9-513	13.85	9-518	31.31
18x24	25	9-514	18.11	9-519	40.11

Prices include polypropylene "2-N-1" combination valve and septum fitting shown above.

Stem is 3/16" O.D. and is suitable for use with most 1/4" O.D. plastic and teflon tubing.

POLYETHYLENE DISPOSABLE BAILERS



- Virgin HDPE
- 1.5" Diameter
- Each unit has bottom emptying device
- Available non-weighted or weighted (Teflon coated or stainless weight)
- Over 1 liter capacity
- Individually packaged
- Ultrasonically welded
- Round top (hang-up free)

Catalog Number	Case	Quantity	Price
9-520	unweighted	24	\$106.00
9-521	weighted (stainless steel weight)	24	116.00
9-522	weighted (Teflon coated weight)	24	129.00

SLS-LUX Scientific



POLYETHYLENE DIPPERS

Durable and lightweight. For removing samples from large tanks. Twelve-foot dippers have two-piece screw together handles.

Catalog Number	Capacity ml	Length Ft.	Case Pack	Case Price
9-530	500	3	1	\$21.80
9-531	500	6	1	31.40
9-532	500	12	1	63.00
9-533	1000	3	1	33.00
9-534	1000	6	1	38.50
9-535	1000	12	1	66.00

TEFLON® DIPPER

Totally inert. All components are made from PTFE. Extendable screw-in shaft have a steel core for rigidity and are fully encapsulated in PTFE.



Catalog Number	Capacity	Case Pack	Case Price
9-540	100ml (3oz)	1	\$80.00
9-541	250ml (8oz)	1	89.00
9-542	500ml (17oz)	1	107.50
9-543	1000ml (34oz)	1	139.50

DRUM SAMPLER POLYETHYLENE

Designed for sampling of 55 gallon drums or vessels with openings as small as 2" ID. The 100ml bottle easily passes through the opening for quick filling. The handle prevents dropping of sampler into the opening of the drum. Rod 3' length x 1 1/4" OD



Catalog Number	Description	Case Pack	Case Price
9-545	Drum Sampler	1	\$75.00
9-546	100ml Bottle	1	21.00

DRUM SAMPLER POLYPROPYLENE

Efficient and time saving method of sampling of drums and tanks constructed of chemically resistant polypropylene.

Supplied with 39" polypropylene head/shaft assembly, and .125ml borosilicate glass bottle with Teflon lined cap.



Catalog Number	Description	Case Pack	Case Price
9-548	Complete Unit	1	\$106.40
9-549	125ml bottle with cap	12	53.04

ENVIRONMENTAL

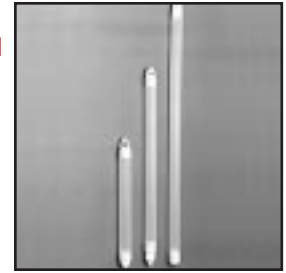
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ENVIRONMENTAL

REUSABLE STANDARD TEFLON® BAILERS

Catalog NO.	COMPLETE 1-3/4" O.D. X 1-1/2" I.D. STANDARD BAILERS WITH STANDARD TOP AND BOTTOM OPTIONS	PRICE EACH
9-560	350CC CAPACITY, 15 1/4" OVERALL LENGTH	\$65.80
9-561	700CC CAPACITY, 26 1/4" OVERALL LENGTH	75.76
9-562	1050CC CAPACITY, 38 1/4" OVERALL LENGTH	87.87



*SPECIFY ONE OF THE FOLLOWING TOP & BOTTOM COMBINATIONS FOR BAILERS ABOVE

- OO Open Handle Top, Open Bottom (Ball Rolls)
- SO Dual Side Opening Top, Open Bottom (Ball Rolls)
- OP Open Handle Top, Bottom with Pin (Captive Ball)
- SP Dual Side Opening Top, Bottom with Pin (Captive Ball)

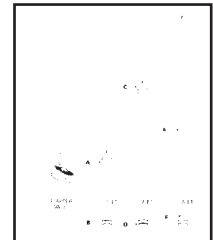
Examples: BAI-0350-LOP is 350CC capacity, Open Handle Style Top & Bottom with Pin
 Examples: BAI-1050-LSO is 1050CC capacity, Dual Side Opening Top, Open Bottom

INDIVIDUAL COMPONENTS FOR STANDARD BAILERS ABOVE (ALSO COMPLETE 3/4" X 1" O.D. BAILERS)

Catalog NO.		PRICE EACH
9-565	BAILER BODY, 350CC CAPACITY, 11/2" I.D. X 1 5/8" O.D. THREADED	\$23.44
9-566	BAILER BODY, 700CC CAPACITY, 11/2" I.D. X 1 5/8" O.D. THREADED	33.20
9-567	BAILER BODY, 1050CC CAPACITY, 11/2" I.D. X 1 5/8" O.D. THREADED	45.51
9-568	STANDARD TOP, OPEN HANDLE STYLE - FAST EMPTYING	22.20
9-569	STANDARD TOP, DUAL SIDE OPENING STYLE - PROTECTS SAMPLE	22.20
9-570	CHECK VALVE TOP - FOR POINT SAMPLING	30.55
9-571	STANDARD BOTTOM - ALLOWS BALL TO ROLL	20.06
9-572	STANDARD BOTTOM WITH CAPTIVE BALL	20.16
9-573	VARIABLE FLOW BOTTOM EMPTYING DEVICE - COMPLETE	56.74
9-574	VARIABLE FLOW BOTTOM, STOPCOCK VALVE ONLY	26.47
9-575	VARIABLE FLOW BOTTOM, BODY ONLY (INCL. BALL)	30.27
9-576	BALL VALVE, 1" DIAM., - FOR STANDARD BOTTOMS	3.50
9-577	BAILER, 250CC. 1" O.D. X 3 FT LONG - (1 FT ALSO AVAILABLE)	18.58
9-578	BAILER, 180CC. 3/4" O.D. X 3 FT LONG - (1 FT ALSO AVAILABLE)	1.80
9-579	BAILER BAGS, POLYETHYLENE, .003" THICK X 30" LONG/100	2.20
9-580	BAILER BAGS, POLYETHYLENE, .003" THICK X 45" LONG/100	2.50
9-581	SUSPENSION WIRE, TEFLON COVERED/PER FT.	.60
9-582	TEFLON CAPS, HEAT SHRINK, FOR SUS-3320-W WIRE/EA.	.89

TEFLON® DISPOSABLE BAILERS

Made of 100% Virgin Teflon®.
 The most chemically inert, non-contaminating material available.
 All Bailers are 19/16" O.D.
 Weighted versions are also available.



Catalog Number	Description	Case Pack	Case Price
9-460	Bailer, 1 Foot Long, unweighted	10	\$10.25
9-461	Bailer, 2 Foot Long, unweighted	10	12.93
9-462	Bailer, 3 Foot Long, unweighted	10	15.75
9-463	Bailer, 1 Foot Long, TFE coated weight	10	10.75
9-464	Bailer, 2 Foot Long, TFE coated weight	10	13.44
9-465	Bailer, 3 Foot Long, TFE coated weight	10	16.25

SLS-LUX Scientific

ENVIRONMENTAL

TCLP EXTRACTION BOTTLES

Used to determine if any of 40 contaminants is in waste material. Heavy duty borosilicate bottles are used in EPA Methods 1310 Extraction Procedure, 1311 Toxicity Characteristic Leaching Procedure (TCLP), and 1312 Synthetic Precipitation Leaching Procedure (SPLP), for those substances subject to regulation under Subtitle C of the Resource Conservation and Recovery Act (RCRA). The EPA recommends that borosilicate bottles be used. All have GPI finish 100-440.



Catalog Number	Size Liters	Description	OD x Length mm	Case Pack	Case Price
9-590	2.2	Single end opening	110 x 325	1	\$74.59
9-591	2.2	Double end opening	110 x 334	1	56.45
9-594	3.2	Single end opening	110 x 450	1	87.95
9-595	3.2	Double end opening	110 x 450	1	70.67

Box Style

Designed for use with commercially available box style agitator equipment.

Catalog Number	Size Liters	Description	OD x Length mm	Case Pack	Case Price
9-598	3.0	Single end opening	150 x 255	1	\$143.34

CAPS FOR TCLP EXTRACTION BOTTLES

White Heavy Duty Solid Polypropylene Cap
Extra thick and very resilient to mechanical and chemical attack.

Catalog Number	Size Liters	Case Pack	Case Price
9-600	100-440	4	\$28.54

White Heavy Duty Polypropylene Cap with Center Hole
Single opening in the cap is 1/2" x 20 thread ID.

Catalog Number	Size Liters	Case Pack	Case Price
9-601	100-440	4	\$32.19

White Light Duty Polypropylene Cap
Shorter skirt.

Catalog Number	Size Liters	Case Pack	Case Price
9-602	100-440	4	\$5.22



CAP LINERS

Zitex® Cap Liner

Laminate combines unique venting properties of Zitex, a porous form of PTFE, with a resilient foam backing. Zitex provides chemical resistance and a hydrophobic barrier which prevents pressure buildup in a container.

Catalog Number	Size Liters	Case Pack	Case Price
9-604	100	4	\$8.11

PTFE Film Cap Liner

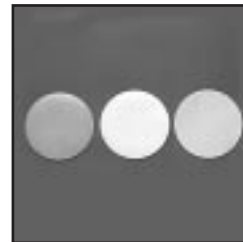
Film material is 0.03" thick.

Catalog Number	Size Liters	Case Pack	Case Price
9-605	100	4	\$9.96

PTFE /Silicone Cap Liner

PTFE measures 0.01" and silicone 0.06" thick.

Catalog Number	Size Liters	Case Pack	Case Price
9-606	100	4	\$21.20



SLS-LUX Scientific

GENERAL LAB SUPPLIES

LAB JACKS

- Support up to 50 lbs
- Skid pads prevent slipping

Support hot plates, baths, glassware, and a variety of other items with these Jiffy-Jack apparatus positioners. Set the exact height desired by simply turning a knob. Excellent side-to-side rigidity prevents wobble.

Rugged anodized aluminum is chemical-resistant and nonsparking for maximum safety.



Catalog Number	Closed Height	Open Height	Top plate Size	Max support Weight	Price
6-100	1 1/2"	4 1/2"	3"x3"	10 lbs.	\$105.00
6-101	2 3/4"	7 3/4"	6 1/4" x 7 1/2"	15 lbs.	199.00
6-102	2 7/8"	14"	6 1/4" x 7 1/2"	25 lbs.	180.00
6-103	3"	18 1/2"	9 1/2" x 10"	50 lbs.	230.00

BLOW HARD O.S. OZONE SAFE, AND NOW IN TWO FORMULATIONS

Eliminate dust and dirt with strong sharp blasts of triple filtered gas using Blow Hard O.S. Perfect for fast, easy cleaning of balances, microscopes and other optical equipment, centrifuge heads, computers or any delicate equipment in the lab. An extension tub helps to clean hard-to-reach places.

Blow Hard O.S. is available in two formulations: standard Blow Hard O.S. (Difluoroethane) is economical for all applications where complete nonflammability is not a requirement. Blow Hard O.S. Extra (Tetrafluoroethane) offers complete nonflammability with a premium formulation. Both are totally ozone safe.



6-130	Blow Hard O.S.	ea.	\$15.75
6-131	Blow Hard O.S. Extra	ea.	23.20

A GENTLE GLASSWARE AND OPTICS CLEANSER

Aquet™ is a non-ionic, neutral pH liquid detergent and safe wetting agent for laboratory glassware and optics. Diluted to a 1% solution, it removes surface film and grease...permitting perfect and complete drainage of burette and volumetric flask liquids.

Mild but complete detergent action will not mar, etch or frost surfaces of lenses, cover glasses, etc. FREE with 1 gallon container-reusable 1 pint squeeze-bottle dispenser.



6-150	Aquet, 1gal.	ea.	\$22.50
6-151	Aquet, 5gal.	ea.	\$96.85

WRITE ON ANYTHING

Even at 0°C

Both Manomark™ Felt Tip Pens and Tech-Pen™ Refillable Ball Point Pens will write on just about anything, including Teflon®. Smooth flowing Manomarks, with a precision seal for long life, work in temperatures from 0-155°C. Dry ink resists autoclaving and is unaffected by subfreezing temperatures and many solvents. Supplied in a box/12 in choice of black, red, blue, green, orange, purple, brown or assorted. Specify color when ordering.

Refillable Tech-Pens use a non-corrosive ink which will not cause damage yet is strong enough to resist acid or alkali attack. Ink works in temperatures from 0-250°C, withstands normal treatment with alcohol and is unaffected by freezer temperatures when dry.

Available in all Manomark colors (except assorted) plus gold, aluminum white yellow and pink. TechPen comes with a tube of ink and refills are available. Specify color when ordering.



6-110	Manomark	bx/12	\$38.15
6-115	Tech-Pen.	ea.	39.15
6-120	Ink Refill	ea.	6.70

LABEL-OFF™

Remove old labels quickly and easily from glassware and plastic. Label-Off eliminates those multiple layers of labels caused by new labels caused by new labels having to be put on over old ones. Kit contains 2 ox. of label adhesive solvent and 20 lint-free wipes, 4"x4".



6-135	Label-Off Kit	ea.	\$14.00
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REDUCE BREAKAGE AND SPILLAGE IN THE WATER BATH

Stabilize glassware in the water bath using these Vikem® Vinyl Coated Lead Rings. Just slip a ring over a cylinder or flask and it will help prevent floating and tipping, reducing breakage and chemical spills. The rings are available in 5 sizes to fit most frequently used glassware.



6-140	Lead Ring 5-10ml cylinders	ea.	\$11.65
6-141	Lead Ring 125-500ml flasks	ea.	13.35
6-142	Lead Ring 250-1000ml flasks	ea.	14.85
6-143	Lead Ring 500-2000ml flasks	ea.	17.95
6-144	Lead Ring 1000-4000ml flasks	ea.	19.10

THE ONLY DIFFERENCE BETWEEN MULTIWIPEES AND KIMWIPEES™ IS THE PRICE!

They are manufactured from identical base stock, and low lint, soft, non-abrasive. Multiwipes are available in two sizes, each equivalent to Kimwipes.



6-160	Multiwipes 5"x8 1/2"	bx/300	\$1.95
6-161	Multiwipes 5"x8 1/2"	cs/60 bx	\$89.00
6-162	Multiwipes 15"x17"	bx/140	\$5.50
6-163	Multiwipes 15"x17"	cs/18 bx.	\$68.00

SLS-LUX Scientific

BARNANT VARISTALTIC PUMPS

SIMON VARISTALTIC® PUMP

An all purpose pump designed to handle laboratory fluid transfer tasks. Economically and simple to operate, analog setting



offers infinite flowrate adjustment. The chemically-resistant pump head (molded of glass filled Noryl®) has three stainless steel rollers and a plexiglass safety cover.

Catalog Number	Voltage	Price
36-130	115VAC	\$1,140.00
36-135	220VAC	1,140.00

VERA VARISTALTIC® PUMP PLUS

A versatile and efficient pump for a broad range of applications. Two-digit speed selection offers precise setting and repeatability, in clockwise or counter-clockwise direction (display is of percentage of Maximum RPM). Vera is an economical solution when two pumps are needed to generate the same flowrate (tubing links should be used for this application). The chemically-resistant pump head (molded of glass filled Noryl®) has three stainless steel rollers and a plexiglass safety cover.



Catalog Number	Voltage	Price
36-140	115VAC	\$790.00
36-145	220VAC	790.00

PRESTON VARISTALTIC® POWER PUMP

This pump is designed to fill a wide variety of laboratory fluid transfer tasks. It offers a very broad flowrate range and excellent power for tough pumping jobs, including viscous fluids. Two-digit speed selection allows for simple, precise flowrate setting (display is of percentage of maximum RPM) in clockwise or counter-clockwise direction. The chemically-resistant pump head (molded of glass filled Noryl®) has three Delrin® rollers and a plexiglass safety cover.



FEATURES:

All Varistaltic Pumps

- come complete with self-priming pump head that accepts 7 different tubing sizes for the full flowrate range without changing pump heads. Tubing change-over and clean-up is a short simple procedure.
- accept any type of soft tubing as long as it has 1/16" wall and is 55 (±5) Shore A durometer, Tubing selection allows a wide range of chemical compatibility as the fluid being pumped only comes in contact with tubing. Autoclavable tubing (e.g. Manosil) can be selected for sterile applications.
- have a polyurethane- coated steel housing which is easily cleanable, and spot-and chemical-resistant.
- offer an external speed control option.
- can be stacked on top of one another for efficient space utilization.
- offer an external speed control option.

SPECIFICATIONS

All pumps are supplied with 4 feet of Manosil tubing.

All pumps accept tubing sizes I.D. 1/32" to 5/16" x 1/16" wall.

	Flowrate ml/minute	Flow Controls	Max RPM	Back Pressure Capability for filtration applications	Dimensions and Weight
SIMON Varistaltic®Pump	1-3450	Analog Setting, Forward only.	720	Up to 20 p.s.i. continuously; 35 p.s.i. intermittent	9"1x91/2"dx53/4"h 91/2lbs.
VERA Varistaltic® Pump Plus	1-3000	Digital Setting, 1% increments, of full speed. Forward & reverse	720	Up to 20 p.s.i. continuously; 35 p.s.i. intermittent	9"1x91/1"dx53/4"h 91/2lbs.
PRESTON Varistaltic® Power Pump	1.5-6500	Digital Setting, 1% increments, from 1 to to 99% of full speed. Forward & reverse	720	Up to 30 p.s.i. continuously, 40 p.s.i. intermittent	10"1x11"dx61/2"h 12lbs.

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PUMPS AND TUBING

PUMPS, LIQUID; PERISTALTIC BARNANT

Spencer varistaltic® power dispenser and pump

A versatile dispenser with a wide dispensing range designed to handle a variety of dispensing applications. Spencer has the ability for "automated" dispensing offered by the timed pause feature. This makes Spencer ideal for short run production and high-volume laboratory-scale filling operation. There are four modes of operation: continuous pump, manual dispense (unit runs as long as the button or footswitch is depressed), single dispense (user runs as long as the button or footswitch is depressed), single dispense (user sets timer to determine how long unit runs- for a pre-selected volume, and repeated dispense (pre-set dispense cycle time as well as time between dispenses). Spencer offers clockwise or counterclockwise operation for filling or aspirating tasks and the chemically-resistant pump head (molded of glass filled Noryl®) has three Delrin® rollers for greatest accuracy in dispensing.



Flowrate Range: 1.5-6500 ml/min Accuracy: ±1%

Catalog No.	Voltage	Price
36-100	115	\$1,525.00
36-110	220	1,525.00

KATE VARISTALTIC® DISPENSER AND PUMP

A unit capable of handling a variety of dispensing tasks with ease. Kate has three modes of operation: continuous pump, manual dispense (the unit stays on as long as the button or footswitch is depressed), or timed dispense (the dispense cycle is determined by a user-set timer). A chemically-resistant pump head (molded of glass filled Noryl®) has three stainless steel rollers for greatest accuracy in dispensing.



Flowrate Range: 1-3450 ml/min

Accuracy: ±1%

Catalog No.	Voltage	Price
36-120	115	\$1,140.00
36-125	220	1,140.00

FEATURES

ALL VARISTALTIC DISPENSERS:

- are supplied with a dispenser handle.
- come complete with self-priming pump head that accepts 7 different tubing sizes for the full flowrate range without changing pump heads. Tubing change-over and clean-up is a short simple procedure.
- accept any type of soft tubing as long as it has 1/16" wall and is 55 (±5) Shore A durometer. Tubing selection allows a wide range of chemical compatibility as the fluid being pumped only comes in contact with tubing. Autoclavable tubing (e.g. Manosil) can be selected for sterile applications.
- have a polyurethane-coated steel housing which is easily cleanable, and spot-and chemical-resistant.
- can be stacked on top of one another for efficient space utilization.
- accept TTL signal input through dispenser handle plug for external control.
- offer an external speed control option.

SPECIFICATIONS

All dispensers are supplied with 4 feet of Manosil tubing, a dispenser handle, 1 glass and 1 polypropylene dispensing tip, and 1 plastic check valve. All dispensers accept tubing sizes I.D. 1/32" to 5/16" x 1/16" wall.

Flowrate Range ml/min	Controls	Cycle Timer	Dispensed Volume ml/cycle	Max RPM	Back Pressure Capability for filtration application	Dimensions and Weight
Kate Varistaltic®Dispenser and Pump 1-3450	Analog settings for flow speed and flow time. Switch for mode selection. Forward only.	On: 0.2 to 20	0.5-1070	720	Up to 35p.s.i.	9"x9 1/2" dx 5 3/4" h 9 1/2 lbs.
Spencer Varistaltic®Power Dispenser and Pump 1,5-6500	Analog setting for flow speed flow time and pause and Switches for mode selection and flow direction. Forward & reverse.	On: 0.2 to 20 seconds. Off: 0.1 to 10 seconds	0.5-1700	720	Upt o 40 p.s.i	10":x11" dx 6 1/2" h 12 lbs.

SLS-LUX Scientific

BARNANT JIMMY COMPACT CASSETTE PUMP



This compact drive unit accepts one or two Cassette Modules and provides an economical alternative when fewer channels are needed. Flowrates depend on tubing size and whether Low or High Flow Cassette Modules are used. It allows only one flow direction.

Specifications and Flowrate Ranges per Channel

All pumps accept tubing sizes I.D. of .015" to 3/16" x 1/32" wall.
All flowrate accuracy is ± 5%.

Flowrate Range per Channel: 1 - 120 ml/hr, Accuracy = ±5%

Jimmy	Tubing Size	Low Flow Cassette	High Flow Cassette	Catalog Number	Voltage	Price
Junior Cassette Pump®	.015 X 1/32	1 - 2 ml/hr	1.5 - 2.5 ml/hr	36-180	115vac	\$550.00
	.020 x 1/32	1.5 - 3.5 ml/hr	2 - 4.5 ml/hr	36-185	220vac	570.00
	1/32 x 1/32	2.3 - 10.5 ml/hr	3 - 12 ml/hr			
	1/16 x 1/32	8 - 30 ml/hr	10.5 - 40 ml/hr			
7 1/4" h x 7" l x 4" d	3/32 x 1/32	12 - 45 ml/hr	16 - 60 ml/hr			
7 lbs.	1/8 x 1/32	16 - 64 ml/hr	20 - 82 ml/hr			
	5/32 x 1/32	23 - 82 ml/hr	30 - 105 ml/hr			
	3/16 x 1/32	27 - 90 ml/hr	35 - 120 ml/hr			
	Versatube*	20 - 35 ml/hr	27 - 45 ml/hr			

BARNANT E SERIES PERISTALTIC PUMP



The E Series Pumps are quality, compact peristaltic pumps designed to provide a constant flow of liquids with a wide range of viscosities or gases. These space efficient (5"L x 69/16" D x 55/16 "H) pumps are excellent for buffer circulation, perfusion, positive pressure filtration or virtually any task requiring liquid or gas movement or metering.

E Series Pumps are perfect for sterile applications. Samples come in contact only with the tubing which eliminates contamination. All are self-priming and can be used with a wide variety of tubing, selected for chemical resistance or autoclavability. Pump heads feature easy access for no-tool tubing loading and unloading. Positive displacement action makes the pump ideal for metering applications.

E Series Pumps are available in 4 models, each with a factory pre-set RPM providing a wide selection of flow ranges from 3 to 360ml/min. All pump heads accept 4 tubing sizes for different flow rates. A 3/16" pumping link is supplied with the pump to optimize performance. Other size pumping links are also available.

Electrical: 115 V, 60 Hz, 1 Amp or 220 V, 50 Hz, 0.5 Amp

Pressure: 25 psi continuous, 40 psi intermittent

Dimensions: 12.7L x 17.3D x 13.7H cm (5 x 69/16x55/16 in.)

Voltage	RPM	1/16"	1/8"	3/16"	1/4"	Catalog #	Price
110	14	3ml/min	12ml/min	27ml/min	45ml/min	36-190	\$225.00
220	14	3ml/min	12ml/min	27ml/min	45ml/min	36-191	225.00
110	28	6.5ml/min	25ml/min	55ml/min	90ml/min	36-200	225.00
220	28	6.5ml/min	25ml/min	55ml/min	90ml/min	36-201	225.00
110	49	10ml/min	40ml/min	100ml/min	150ml/min	36-205	225.00
220	49	10ml/min	40ml/min	100ml/min	150ml/min	36-206	225.00
110	108	26ml/min	104ml/min	228ml/min	375ml/min	36-210	225.00
220	108	26ml/min	104ml/min	228ml/min	375ml/min	36-211	225.00

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PUMPS AND TUBING

BARNANT MINISTALTIC® PUMP

MINISTALTIC® PUMP

A compact oscillating pump, ideal for pulse-free, continuous pumping of variable flowrates from 10 ml/min to 1600 ml/min. The ammeter provides a reference for speed settings and there are no exposed moving parts.

A self-priming pumping element, made of hypalon and polypropylene, makes it ideal for handling acids, bases and other corrosive or toxic fluids. Can be used for buffer circulation and temperature control in electrophoresis, continuous flow dialysis, perfusions, as well as general pumping tasks. Polyethylene hose barb style tubing connectors accept tubing with i.d. from 1/4" to 3/8". Ministaltic Pump: 115 VAC: 72-100-000, 220 VAC: 72-100-220



Catalog Number	Voltage	Price
36-160	115VAC	\$475.00
36-165	220VAC	475.00

BARNANT SARAH CASSETTE® DRIVE MULTICHANNEL PERISTALTIC PUMP

This model has a 10 Cassette capacity, but can be used with any number of Cassettes from 1 to 10 without affecting accuracy or operation. The unit has two drive shafts, fast and slow, which operate at all times (turning ratio 2.5:1). Each Cassette can engage either drive gear depending on its operation. Two digit speed selection makes it easy to set and repeat flowrates (display is of percentage of total rpm). Flowrate range depends on tubing size and whether Low or High Flow Cassette Modules are used. This drive unit can be used in either horizontal or vertical position, requiring as little as 7" x 7" of bench space.

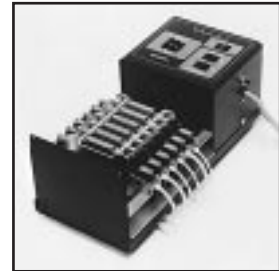
Flowrate Range per Channel: .015 - 700 ml/hr

Accuracy = ±5%

All pumps accept tubing sizes I.D. of .015" to 3/16" x 1/32" wall.

All flowrate accuracy is ±5%.

Flowrate Range per Channel: ml/hr (water as STP zero suction and zero discharge head with tubing links)



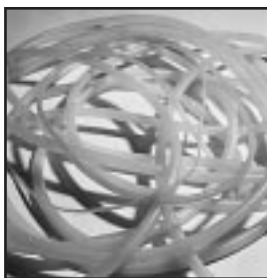
Sarah	Tubing Size	Low Gear	High Gear	Catalog No.	Voltage	Price
Standard Cassette Pump®	.015 X 1/32	0.15 - 2.4 ml/hr	0.2 - 5.5 ml/hr	36-170	115vac	\$1,040.00
	.020 x 1/32	0.3 - 4.7 ml/hr	0.6 - 10 ml/hr	136-175	220vac	1,040.00
141/4"h x 7"l x 61/2"d 12 lbs.	(Low Flow Cassette)					
	1/32 x 1/32	0.8 - 11.5 ml/hr	1.2 - 29 ml/hr			
	1/16 x 1/32	2.7 - 44 ml/hr	6 - 106 ml/hr			
	3/32 x 1/32	4 - 69 ml/hr	6.5 - 157 ml/hr			
	1/8 x 1/32	5.5 - 89 ml/hr	10 - 254 ml/hr			
	5/32 x 1/32	8 - 132 ml/hr	17 - 320 ml/hr			
	3/16 x 1/32	9 - 164 ml/hr	19 - 360 ml/hr			
	Versatube*	10 - 85 ml/hr	24 - 211 ml/hr			
	.015 x 1/32	0.2 - 2.7 ml/hr	0.3 - 6.3 ml/hr			
	.020 x 1/32	0.4 - 7 ml/hr	1.4 - 13 ml/hr			
(High Flow Cassette)	1/32 x 1/32	1.5 - 16 ml/hr	2 - 35 ml/hr			
	1/16 x 1/32	5 - 67 ml/hr	8 - 155 ml/hr			
	3/32 x 1/32	6.5 - 110 ml/hr	12 - 280 ml/hr			
	1/8 x 1/32	10 - 177 ml/hr	18 - 450 ml/hr			
	5/32 x 1/32	15 - 260 ml/hr	34 - 640 ml/hr			
	3/16 x 1/32	16 - 300 ml/hr	35 - 700 ml/hr			
	Versatube*	12 - 105 ml/hr	26 - 233 ml/hr			

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SLS-LUX Scientific

PUMPS AND TUBING

TUBING FOR BARNANT PUMPS MANOSIL TUBING



Silicone rubber is the best general purpose tubing for laboratory use in peristaltic pumps. Its great flexibility gives maximum pump performance and excellent tubing life. It has good abrasion resistance and may be used with a wide range of reagents.

Temperature Range: -50° to 450°F (-46° to 232°C)
Durometer: 55±5 Shore A
Tubing Life: Excellent
Autoclavable: Yes

CASSETTE® PUMPS

ID	Tubing Size Length	Wall	Catalog Number	Price
.015"	50'	1/32"	37-150	\$50.60
.020"	50'	1/32"	37-151	35.50
1/32"	50'	1/32"	37-152	35.50
1/16"	50'	1/32"	37-153	35.50
3/32"	50'	1/32"	37-154	35.50
1/8"	50'	1/32"	37-155	38.50
5/32"	50'	1/32"	37-156	44.00
3/16"	50'	1/32"	37-157	46.00

VARISTALTIC® PUMPS

ID	Tubing Size Length	Wall	Catalog Number	Price
1/32"	50'	1/16"	37-160	\$ 42.50
1/16"	50'	1/16"	37-161	46.00
3/32"	10'	1/16"	37-162	12.55
3/32"	50'	1/16"	37-163	57.00
1/8"	10'	1/16"	37-164	13.50
1/8"	50'	1/16"	37-165	62.00
3/16"	10'	1/16"	37-166	16.00
3/16"	50'	1/16"	37-167	72.00
1/4"	10'	1/16"	37-168	27.50
1/4"	50'	1/16"	37-169	123.75
5/16"	10'	1/16"	37-170	36.50
5/16"	50'	1/16"	37-171	164.25
3/8"	10'	1/16"	37-172	39.60
3/8"	50'	1/16"	37-173	180.00

E-SERIES PUMPS

ID	Tubing Size Length	Wall	Catalog Number	Price
1/16"	10'	3/32"	37-175	\$18.40
1/8"	10'	3/32"	37-176	18.40
3/16"	10'	3/32"	37-177	17.60
1/4"	10'	3/32"	37-178	21.00

TUBING FOR BARNANT PUMPS PHARMED TUBING



Custom formulated for peristaltic pumps, PharMed 55 is a thermoplastic elastomer utilizing a polypropylene base. It meets USP Class VI, FDA and NSF criteria.

Ideal for cell culture, tissue and culture, fermentation, purification and separation. PharMed 55 can be autoclaved or radiation sterilized and is less permeable than silicone, as well as ozone and UV light resistant.

Resists attack by oxidizing agents, excellent acid and alkali resistance, good animal and vegetable oil resistance.

Temperature Range: -58° to 275°F (-51° to 135°C)

Durometer: 55±5 Shore A

Tubing Life: Excellent

Autoclavable: Yes

VARISTALTIC® PUMPS

ID	Tubing Size Length	Wall	Catalog Number	Price
1/32"	10'	1/16"	37-180	\$ 22.00
1/32"	50'	1/16"	37-181	100.00
1/16"	10'	1/16"	37-182	22.80
1/16"	50'	1/16"	37-183	104.00
3/32"	10'	1/16"	37-184	24.20
3/32"	50'	1/16"	37-185	110.00
1/8"	10'	1/16"	37-186	24.20
1/8"	50'	1/16"	37-187	110.00
3/16"	10'	1/16"	37-188	26.00
3/16"	50'	1/16"	37-189	118.00
1/4"	10'	1/16"	37-190	29.50
1/4"	50'	1/16"	37-191	134.00
5/16"	10'	1/16"	37-192	32.20
5/16"	50'	1/16"	37-193	146.00
3/8"	10'	1/16"	37-194	46.20
3/8"	50'	1/16"	37-195	210.00

TUBING FOR BARNANT PUMPS HYPALON TUBING



Hypalon is a synthetic rubber with outstanding resistance to weather, oil, flame and strong oxidizing chemicals such as concentrated sulfuric acid and hypochlorite solutions. It has sufficient flexibility to make it a very efficient tubing for use in peristaltic pumps.

Temperature Range: -0° to 250°F, (32° to 121°C)

Durometer: 60+0 Shore A

Tubing Life: Excellent

Autoclavable: Yes

VARISTALTIC® PUMPS

ID	Tubing Size Length	Wall	Catalog Number	Price
3/16"	10'	1/16"	37-200	\$ 21.60
3/16"	50'	1/16"	37-201	98.00
1/4"	10'	1/16"	37-202	23.50
1/4"	50'	1/16"	37-203	105.00
3/8"	10'	1/16"	37-204	40.00

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PUMPS AND TUBING

TUBING FOR BARNANT PUMPS MANOGON TUBING



Manogon Brand Tygon vinyl tubing has been formulated especially for use in peristaltic pumps. It is crystal clear, tasteless and odorless, non-toxic and can be easily sterilized by chemical or gas methods. The bore is glass smooth which allows maximum flow.

Temperature Range: -20° to 165°F (-29° to 74°C)
 Durometer: 55±5 Shore A
 Tubing Life: Good
 Autoclavable: Yes (limited times)

CASSETTE PUMPS

ID	Tubing Size		Catalog Number	Price
	Length	Wall		
1/32"	50'	1/32"	37-100	\$ 6.95
1/16"	50'	1/32"	37-101	10.25
3/32"	50'	1/32"	37-102	14.40
1/8"	50'	1/32"	37-103	16.00
5/32"	50'	1/32"	37-104	20.00
3/16"	50'	1/32"	37-105	22.00

VARISTALTIC® PUMPS

ID	Tubing Size		Catalog Number	Price
	Length	Wall		
1/16"	50'	1/16"	37-110	\$26.00
3/32"	50'	1/16"	37-111	32.50
1/8"	50'	1/16"	37-112	38.50
5/32"	50'	1/16"	37-113	45.50
3/16"	50'	1/16"	37-114	53.60
1/4"	50'	1/16"	37-115	68.40
5/16"	50'	1/16"	37-116	79.00
3/8"	50'	1/16"	37-117	92.00

STAT-O-LOK



Stat-O-Loks are quick-disconnect in-line tubing connectors. Use Stat-O-Lok connectors for one hand, no mess tubing hook-ups. These chrome-plated brass connectors feature easy-to-use slide locks for leak-free in-line connections and automatic shut-off of flow when disconnected. Hose barb ends accept flexible tubing. Operate at temperatures to 82°C (180°F); pressures to 1.7Mpa (250psi), vacuum to 30 microns to Hg. Delrin or polypropylene valves are available for specific chemical resistance requirements. Dependable operation is ideal for liquid and gas connectors in biomedical, instrumentation and general industrial applications.

Catalog Number	Fits I.D. Tubing	Coupling Type	Price
37-140	1/8"	female	\$25.60
37-141	1/8"	male	17.55
37-142	1/4"	female	26.80
37-143	1/4"	male	17.55

TUBING FOR BARNANT PUMPS VITON TUBING



Viton Fluoroelastomer compound is a synthetic rubber with exceptional resistance to oils, fuels, lubricants, most mineral acids, many aliphatic and aromatic hydrocarbons like carbon tetrachloride, xylene or toluene.

Temperature Range: -10° to 600°F (-23° to 315°C)
 Durometer: 60+0 Shore A-5
 Tubing Life: Excellent
 Autoclavable: Yes

CASSETTE PUMPS

ID	Tubing Size		Catalog Number	Price
	Length	Wall		
.020"	10'	1/32"	37-120	\$ 55.00
.020"	50'	1/32"	37-121	250.00
1/16"	10'	1/32"	37-122	55.00
1/16"	50'	1/32"	37-123	250.00
1/8"	10'	1/32"	37-124	57.20
1/8"	50'	1/32"	37-125	260.00

VARISTALTIC® PUMPS

ID	Tubing Size		Catalog Number	Price
	Length	Wall		
1/16"	10'	1/16"	37-130	\$ 55.00
1/16"	50'	1/16"	37-131	250.00
1/8"	10'	1/16"	37-132	68.20
1/8"	50'	1/16"	37-133	310.00
3/16"	10'	1/16"	37-134	80.00
3/16"	50'	1/16"	37-135	360.00

END SINKERS FOR TUBING



End sinkers are designed to keep tubing properly aligned and at the bottom of any container, eliminating the possibility of tubing adhering to the reservoir wall. These made of Teflon® and offer a wide range of solvent resistance. These sinkers are especially recommended for use with all repeating dispensers and all peristaltic pumps. Sold as a set of two, one each large and small, the small size fits 1/16 to 1/8" ID flexible tubing or 3/6" ID Teflon tubing, the large fits flexible tubing from 3/16 to 5/16" ID.

37-145	Tubing Sinkers	set/2	\$22.00
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PUMPS AND TUBING

BARNANT PUMP ACCESSORIES



Designed for greater accuracy with Varistaltic Dispensers and Pumps, these autoclavable links assure easy insertion and proper fit in pump head and produce more uniform flowrates. Polypropylene end fittings have hose barbs to allow connection to any length of tubing.

TUBING LINKS VARISTALTIC

ID	Wall Thickness	Catalog Number	Price	Junior Simon Vera Kate	Price
1/32"	1/16"	36-225	\$17.20	36-235	\$15.00
1/16"	1/16"	36-226	17.20	36-236	15.00
1/8"	1/16"	36-227	17.20	36-237	15.00
3/16"	1/16"	36-228	17.20	36-238	15.00
1/4"	1/16"	36-229	17.20	36-239	15.00

CASSETTE® PUMP TUBING LINKS

Henry, Sarah, Jimmy, Patrick

ID	Wall Thickness	Catalog Number	Price
.015"	1/32"	36-250	\$29.60
.020"	1/32"	36-251	29.60
1/32"	1/32"	36-252	29.60
1/16"	1/32"	36-253	29.60
3/32"	1/32"	36-254	29.60
1/8"	1/32"	36-255	29.60
5/32"	1/32"	36-256	29.60
3/16"	1/32"	36-257	29.60

VACUUM/PRESSURE STATIONS



- Self-contained combines pump with vacuum/pressure gauge and regulating valves
- Switch from vacuum to pressure easily and quickly.

COMPLETELY SELF-CONTAINED

Corrosion-resistant stations combine a single-head pump, a vacuum/pressure gauge and independent SS regulating valves. Produces free-air capacity to 0.9 cfm. Use the input/output port for drawing a vacuum, or pressurizing the pump line; port is 3/8" hose barb. Use the auxiliary port for working two lines simultaneously; port accepts tube fitting with standard 1/4" NPT (M) pipe thread.

CONTAMINATION-FREE PUMPING.

Wetted materials of the 400-3901 include Noryl pump head with extended-life Nitrile diaphragm. (Chemical resistant, Fluorel, diaphragm is also included). Teflon disc valves and Noryl retainers are standard. The 470-5942 features a Valox material pump head, Fluorel fluoroelastomer diaphragm, Norprene disc valves and Noryl retainers.

Model 36-270, is compact and low-cost and provides free air capacity up to 0.5 cfm. Tubing is silicone.

Fluorel - Reg TM 3M Co.

Noryl, Valox - Reg TM General Electric Co.

Norprene, Tygon - Reg TM Norton Co.

Catalog Number	36-270	Price
Vacuum	20"Hg	\$430.00
Pressure	18 psig	
Free Air Capacity	0.5 cu. ft. per minute	
Size	7 1/2": L x 8" W x 8 3/4" H	
Materials	Noryl, Nitrile, Teflon, nickel-plated SS valves	
Power	115 VAC, 60 Hz.	

DUAL HEAD VACUUM PRESSURE PUMP

A variation of the basic Barnant pump doubles its pumping capabilities. You can pump gases or evacuate two channels independently or perform one of each operation simultaneously. Each pump head has a free air capacity of 1100 cubic inches per minute; can pull vacuum of 20" Hg and pump air up to 18 psig. By paralleling pump heads, the total free air capacity is 2200 cubic inches per minute.

Applications: This pump is ideal for pressure/vacuum filtration, flame photometry, nebulizers, circulating and aerating equipment, pneumatic devices, air sampling, power burners and suction units.

All plastic head construction assures you of corrosion-resistant, contamination-free pumping. The convoluted long-life diaphragm design reduces stress, wear and heat build-up. Unique cavity configuration provides minimal dead space and air entrapment for high capacity pumping.

The Dual Head is powered by a Class B, 1/25 hp motor at 1550 rpm. Four 3/8" (M)NPT polyethylene tubing adapters and a 6-ft, 3-wire cord are included.



Catalog Number	36-275	Price
Vacuum	To 20"Hg	\$235.00
Pressure	To 18 psig	
Free Air Capacity	1100 cu. in. per minute per head	
Size	10 1/2" L x 4" W x 5" H	
Motor	1/25 hp at 1550 rpm	
Power Req.	115 VAC, 60 Hz 1.7 amp	
Shpg. Wt.	6 1/2 lbs	

VERSATUBE® TEFLON® LINED PUMPING UNIT



This all-purpose, chemically inert, Teflon lined pumping element will increase peristaltic pump versatility. Use Versatube in peristaltic pumps to work with acids, solvents and alkaline solutions. Versatube is a composite structure consisting of a silicone rubber outer shell for wear resistance and a Teflon lining for chemical resistance. Glass end fittings complete the system and make it easy to connect appropriate feed and output tubing. This unit is autoclavable and is capable of handling viscosity up to 100 cp and temperatures from 0° to 20F.

STANDARD VERSATUBE SUITABLE FOR SPENCER AND PRESTON

.29" (7.5 mm) i.d. tubing
.27" (7 mm) o.d. end fittings
Length: 18" (46.1 cm)

Catalog Number	Price
37-210	\$45.00

JUNIOR VERSATUBE SUITABLE FOR KATE, VERA AND SIMON

.21" (5.4 mm) i.d. tubing
.19" (5 mm) o.d. end fittings
Length: 13" (33.3 cm)

Catalog Number	Price
37-215	38.00

CASSETTE VERSATUBE SUITABLE FOR SARAH, HENRY, JIMMY AND PATRICK

.15" (3.9 mm) i.d. tubing
.12" (3 mm) o.d. end fittings
Length: 12" (30.7 cm)

Catalog Number	Price
37-220	\$38.00

ECONOMICAL CHECK VALVES



Constructed with a polypropylene body and ethylene propylene checks these check valves can be used with dilute mineral acids, many organic acids and aqueous solutions. The Single Check Valve (not shown) is primarily designed for unidirectional flow of liquids and gases and prevents backflow. The Dual Check Valve (pictured) can be used to meter and dispense controlled volumes of fluids, to provide a simple means of transferring fluids from vessel to vessel, or reservoir to point of use and will turn any syringe into a dispensing system.

37-221	Single Check Valve	ea.	\$21.75
37-225	Dual Check Valve	ea.	21.75

TUBING CONNECTORS



Heavy-duty polypropylene connectors, male and female taper Luer with integral locking ring and a hose barb for easy tubing connection.

Catalog Number	Fits I.D. Tubing	Price
37-212	1/32" pk/10 pairs	\$9.80
37-214	1/16" pk/10 pairs	9.80
37-216	3/32" pk/10 pairs	9.80
37-218	1/8" pk/10 pairs	9.80
37-222	5/32" pk/10 pairs	9.80

STAINLESS STEEL TUBING TUBE CONNECTORS.

Catalog Number	Fits I.D. Tubing	Price
37-230	.015" and .020" pk/10 pairs	\$36.00

TUBING FITTING ASSORTMENT



This 76 piece assortment fills needs for any routine setup. It provides 2 of each size of: 10 Straight Tubing connectors, 12 Straight Stepped Tubing Connectors, 12 Tee Connectors, 6 Quick Disconnects, and 24 Polyethylene Cup-Type Stoppers, all packed in a hinged-top clear styrene box.

37-235	Tubing Fitting Assortment Kit	\$61.80
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CASSETTE PUMPING MODULES



Two Cassette Pumping Modules are offered: Low Flow with eight rollers and High Flow with four rollers (which produces 30% more flow than low flow unit). Each Cassette will accept any soft flexible tubing with a hardness of 45-70 shore A durometer, with i.d. ranging from 0.015" to 3/16" with 1/32" wall.

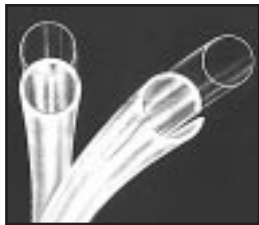
Cassettes have a plastic wear guard strip to reduce tubing wear and a clamping system designed to provide fine flow control. Tubing links are strongly recommended for greatest flowrate accuracy.

Catalog Number	Description	Price
36-220	Low Flow Modules	\$144.00
36-221	High Flow Modules	144.00

SLS-LUX Scientific

PUMPS AND TUBING

TEFLON® LINED POLYETHYLENE TUBING



Polyethylene tubing with the advantages of Teflon Tubing – at substantially lower cost

- Economical
- No plasticizers
- No filters • No VCM
- Excellent chemical resistance • Translucent • Cleans easily
- No liquid absorption • Odorless and tasteless
- Jacket and liner made from resins meeting F.D.A. requirements
- Non-photo active • Lightweight
- Flexible • Excellent low temperature toughness

USES

Down well purging, sampling, general lab uses, tough field applications

Nominal I.D.	Nominal O.D.	FEP Wall	Minimum Bend Radius
1/2"	5/8"	.015"	8"
Room Temp. Burst PSI**	Wgt. (lbs) 1,000 ft.		
250	58.8		

**Each individual application should be evaluated to determine the degree of safety factor to be used with these values. PURE-FLOW tubing can be used with compression fittings. However, to insure the integrity of the liner, we recommend the use of barbed fittings.

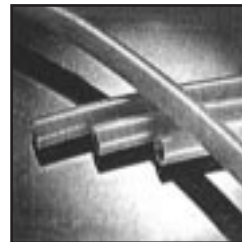
DESIGN DATA

- Service Temperature - 25°F to + 180°F
- Jacket hardness shore D 43
- Jacket density .920
- Polyethylene jacket resists weak acids and bases, and strong oxidizing acids. Fair resistance to strong bases.
- Resistant to organic solvents below 60° C except chlorinated solvents.

ORDERING INFORMATION

Catalog No.	DESCRIPTION & SIZE	PRICE/FT.
37-285	PURE-FLOW TEFLON LINED POLYETHYLENE WITH .015" FEP LINER 1/2" x 5/8" FEP LINED POLYETHYLENE	\$1.42

POLYETHYLENE TUBING



Economical, Translucent
Manufactured to meet FDA criteria. Suitable for most sampling applications. Available in a range of stock sizes in natural translucent white. Custom sizes, colors and lengths available upon request.

- Corrosion Resistance Values: For details of resistance to specific substances for your particular application, please refer to Corrosion Resistance Bulletin No. 10
 - Major Advantages: Low Cost. Superior resistance to moisture and chemicals. Polyethylene is extremely resistant to environmental stress cracking, and costs less than other tubing materials for low pressure applications.
 - Construction: Low Density Polyethylene.
- Operating Temperature Range: -100°F to + 175° F
Recommended Couplings: Plastic or metal inserts with outer sleeves, ferrule or clamps.

Catalog Number	I.D. x O.D. x Wall, in.	PSI(*)	Price Per Foot
37-310	1/8 x 1/4 x 1/16	180	\$ 6.67
37-311	1/8 x 3/8 x 1/8	220	17.63
37-312	.170 x .250 x .040	150	5.03
37-313	3/16 x 5/16 x 1/16	145	8.67
37-314	1/4 x 3/8 x 1/16	120	11.09
37-315	1/4 x 1/2 x 1/8	190	26.14
37-316	5/16 x 7/16 x 1/16	110	13.72
37-317	5/16 x 1/2 x 3/32	110	21.47
37-318	3/8 x 1/2 x 1/16	90	15.37
37-319	3/8 x 5/8 x 1/8	140	34.94
37-320	1/2 x 5/8 x 1/16	70	19.74
37-321	1/2 x 3/4 x 1/8	110	44.17
37-322	5/8 x 3/4 x 1/16	60	25.25
37-323	5/8 x 7/8 x 1/8	120	53.01
37-324	3/4 x 7/8 x 1/16	66	28.80
37-325	3/4 x 1 x 1/8	65	42.50
37-326	7/8 x 1 x 1/16	40	33.70
37-327	1 x 1-1/8 x 1/8	30	40.06
37-328	1 x 1-1/4 x 1/8	75	80.15
37-329	1-1/4 x 1-1/2 x 1/8	60	97.66
37-330	1-1/2 x 1-3/4 x 1/8	50	116.00
37-331	1-3/4 x 2 x 1-1/8	40	132.60

(*) Recommended working pressure calculated and tested at room temperature approximately 70° F.

SILICONE RUNNING FOOT TUBING 10 FT. LENGTHS - 1 PER POLYBAG

SILICONE TUBING

- Wall thickness of 0.914mm, 0.036 inches.
- Highly flexible and free of additives or plasticizers.
- Will not readily age, oxidize, or deteriorate over time.
- Excellent flow characteristics.
- Repeated sterilization by autoclaving will not affect its strength, shape, or appearance.
- Broad compatibility with most acids, alkalis and solvents.

Catalog No.	Inner Diameter		Outer Diameter		Price
	mm	inches	mm	inches	
37-290	1.473	0.058	3.302	0.130	\$27.50
37-291	0.635	0.025	2.464	0.097	27.50
37-292	0.762	0.030	2.591	0.102	27.50
37-293	0.889	0.035	2.718	0.107	27.50
37-294	1.016	0.040	2.845	0.112	27.50
37-295	1.143	0.045	2.972	0.117	27.50
37-296	1.295	0.051	3.124	0.123	27.50
37-297	1.422	0.056	3.251	0.128	27.50
37-298	1.524	0.060	3.353	0.132	27.50
37-300	1.651	0.065	3.480	0.137	27.50
37-301	1.854	0.073	3.683	0.145	27.50
37-302	2.057	0.081	3.886	0.153	27.50
37-303	2.311	0.090	4.140	0.163	27.50
37-304	2.540	0.100	4.369	0.172	27.50
37-305	2.794	0.110	4.623	0.182	27.50

BARNANT VACUUM/PRESSURE PUMP



All plastic head construction assures corrosion-resistant, contamination-free pumping. Gas contacts only the Noryl plastic body, Nitrile diaphragm, Teflon® fluorocarbon resin valves and polyethylene tubing adapters. (Available with Valox® bodies and Fluorel® diaphragms on special order.)

Unique cavity configuration provides minimal dead space and air entrapment. The patented convoluted diaphragm design reduces stress, wear and heat build-up. No vacuum oil is required.

All AC powered Barnant pumps pull a vacuum to 20" Hg and gases to 18 psig in continuous operation. Free air capacity for all 115 volt pumps is 1100 cubic inches per minute. Barnant pumps are ready to use and come equipped with a standard AC motor which is service-free, totally enclosed, brushless type with sealed ball bearings and thermal overload protection. Two 3/8" (M)NPT polyethylene tubing adapters and a 6-ft., 3-wire cord are included.

Reduced eccentrics are available for applications that require very low flow, such as gas samplers, analyzers, flame photometry and many others. These low flow pumps will operate for thousands of trouble-free hours.

Also available, low cost vacuum/pressure pumps, designed for OEM applications with attractive quantity discounts. Inquire.

Catalog Number	36-280	Price	
Vacuum	To 20"Hg	\$160.00	
Pressure	To 18 psig		
Free Air Capacity	1100 cu. in. per minute		
Size	7" L x 4" W x 5" H		
Motor	1/45 hp at 1550 rpm		
Power Req.	115 VAC, 60 Hz 1.5 amp		
Shpg. Wt.	5 1/2 lbs		

ROTO-FLO™ FLOW INDICATORS



A quick and easy way to visualize flow

- Ideal for liquids or gases.
- High visual magnification at a distance of 6 feet away.
- Brightly colored flow wheel.
- Smooth connecting bars make installation a snap.
- The greater the flow the faster the wheel spins!

FOR USE WITH

- Bag in box type pumps
- Air diaphragm pumps
- Urological tube sets
- Hydraulics
- All irrigation delivery probes
- Bottle pressurization pumps
- Gravity flow
- Irrigation tube sets
- Distillation
- Non-corrosive media and many more...

Catalog	Description	Tube Ends	Price	Unit	Case
37-280	3/16 - 1/4" ID, Blue	Straight	\$10.29	Ea.	12
37-281	3/16 - 1/4" ID, Red	Barbed	10.29	Ea.	12
37-282	1/4 - 7/16" ID, Green	Barbed	10.29	Ea.	12

PTFE INDUSTRIAL WALL FRACTIONAL TUBING

In addition to its low co-efficient of friction, teflon PTFE tubing offers excellent performance at both low and high temperatures, along with outstanding resistance to most chemicals.

PTFE tubing is nonaging, nontoxic and non-allergenic. It maintains its stiffness, has excellent strength, is crack-resistant and offers good shock and abrasion resistance. Teflon PTFE tubing is the most flexible of the fluoropolymer tubings.

- Most flexible.
- Widest temperature range: -400 degrees F to 500 degrees F
- Color: Natural white
- Durometer: Shore D 60 +/-5
- Excellent dielectric properties.

Catalog No.	Size I.D. x O.D.	I.D. Inch	Wall Inch	Price Per Foot
37-240	1/32" x 1/16"	.031	.016	\$.43
37-241	1/32" x 3/32"	.031	.030	.54
37-242	1/16" x 1/8"	.062	.030	.55
37-243	3/32" x 5/32"	.094	.030	.56
37-244	1/8" x 3/16"	.125	.030	.58
37-245	3/16" x 1/4"	.188	.030	.74
37-246	1/4" x 5/16"	.250	.030	1.04
37-247	5/16" x 3/8"	.313	.030	1.29
37-248	3/8" x 7/16"	.375	.030	1.49
37-249	7/16" x 1/2"	.438	.030	1.78
37-250	1/2" x 9/16"	.500	.030	2.10
37-251	9/16" x 5/8"	.562	.030	2.72
37-252	5/8" x 11/16"	.625	.030	2.74
37-253	11/16" x 3/4"	.688	.032	3.53
37-254	3/4" x .830"	.750	.040	4.17
37-255	7/8" x .965"	.875	.045	5.45
37-256	1" x 1.100"	1.000	.050	6.95
37-257	1.125" x 1.205"	1.125	.040	10.31
37-258	1.250" x 1.330"	1.250	.040	12.07
37-259	1.500" x 1.580"	1.500	.040	14.32

PTFE HEAVY WALL FRACTIONAL TUBING

Catalog No.	Size I.D. x O.D.	I.D. Inch	Wall Inch	Price Per Foot
37-265	1/16" x 3/16"	.062	.063	\$ 1.22
37-266	1/8" x 1/4"	.125	.063	1.33
37-267	5/32" x 1/4"	.157	.047	1.50
37-268	3/16" x 5/16"	.188	.063	1.99
37-269	1/4" x 3/8"	.250	.063	2.77
37-270	5/16" x 7/16"	.313	.063	3.88
37-271	3/8" x 1/2"	.375	.063	3.98
37-272	7/16" x 9/16"	.438	.063	5.22
37-273	1/2" x 5/8"	.500	.063	5.76
37-274	9/16" x 11/16"	.562	.063	6.34
37-275	5/8" x 3/4"	.625	.063	7.00
37-276	3/4" x 7/8"	.750	.063	10.42
37-277	7/8" x 1"	.875	.063	12.05

SLS-LUX Scientific

VINYL TUBING, LABORATORY GRADE

Non-Toxic. Meets FDA Requirements. Recommended for all laboratory and industrial uses where flexible vinyl tubing is applicable; for handling aqueous foods and other liquids, and for non-critical hospital use such as suction and drainage. Produced entirely from F.D.A. sanctioned ingredients. All compounding and manufacturing is performed using GMP, assuring consistency of quality and purity.

Highly flexible, for ease of handling. Its smooth bore and clarity contribute to better material flow and easy observation of contents.

Not recommended for peristaltic pumps.

Catalog NO.	I.D. INCH	O.D. INCH	WALL INCH	LENGTH FEET	WEIGHT LBS.	W.P. PSI	PRICE/ 100 FT.
37-420	1/16	1/8	1/32	500	0.5	15	\$ 5.72
37-421	1/16	3/16	1/16	500	1.3	50	14.72
37-422	1/8	3/16	1/32	200	0.8	15	8.56
37-423	1/8	1/4	1/16	200	2.0	65	8.91
37-424	3/16	1/4	1/32	200	1.1	15	9.09
37-425	3/16	5/16	1/16	200	2.6	55	9.70
37-426	3/16	3/8	3/32	100	4.4	65	13.27
37-427	1/4	3/8	1/16	100	3.3	45	10.69
37-428	1/4	7/16	3/32	100	5.4	55	21.39
37-429	1/4	1/2	1/8	100	7.8	70	23.17
37-430	5/16	7/16	1/16	100	3.9	45	11.94
37-431	5/16	1/2	3/32	100	6.4	55	19.56
37-432	5/16	9/16	1/8	100	9.1	65	14.39
37-433	3/8	1/2	1/16	100	4.6	45	13.91
37-434	3/8	9/16	3/32	100	7.4	55	21.79
37-435	3/8	5/8	1/8	100	10.5	65	26.53
37-436	7/16	9/16	1/16	100	5.2	40	17.03
37-437	7/16	5/8	3/32	100	8.3	50	26.29
37-438	1/2	5/8	1/16	100	5.9	30	17.31
37-439	1/2	11/16	3/32	100	9.3	40	14.53
37-440	1/2	3/4	1/8	100	13.1	50	35.74
37-441	9/16	3/4	3/32	100	10.3	40	29.32
37-442	5/8	13/16	3/32	100	11.3	30	26.74
37-443	5/8	7/8	1/8	100	15.7	40	36.72
37-444	3/4	1	1/8	100	18.3	40	42.20
37-445	7/8	1-1/8	1/8	100	20.9	40	52.09
37-446	1	1-1/4	1/8	100	23.5	35	54.21
37-447	1-1/8	1-3/8	1/8	100	29.8	30	67.46

PRODUCT CHARACTERISTICS

PROPERTY	VALUE	TEST	
TENSILE	2250 PSI	ASTM D638	Recommended Working Pressure at room temperature only. Pressure rating varies inversely with temperature. Vinyl tubing is not recommended for high temperature or high pressure use.
ELONGATION	400%	ASTM D638	
HARDNESS	75+/-5 SHORT	ASTM D2240(15 SEC.)	
LOW TEMPERATURE	-40 F.	ASTM D746	
TOXICITY	NON-TOXIC	U.S.P. CLASS II	
ODOR	NONE		
TASTE	NONE		
COLOR	CLEAR		

RUNNING FOOT TUBING PVC

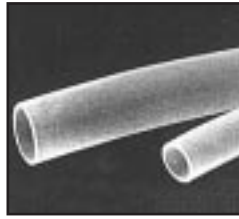
STANDARD PVC TUBING LENGTH 10 FT. 1/POLYBAG

- Ideal for routine use in peristaltic pumps.
- Specially formulated PVC is heat treated for increased life in applications. Particularly resistant to a broad range of inorganic chemicals, especially mild acids, alkalis and salt solutions.
- Clear, transparent characteristics allow for convenient flow monitoring.
- Durometer of 60 bends easily, grips connectors firmly and simplifies pump setups.



Catalog No.	Inner Diameter		Outer Diameter		Wall Thickness		Price
	mm	inches*	mm	inches*	mm	inches*	
37-450	0.127	0.005	1.956	0.077	0.914	0.036	\$9.00
37-451	0.191	0.0075	2.032	0.080	0.914	0.036	9.00
37-452	0.254	0.010	2.083	0.082	0.914	0.036	9.00
37-453	0.381	0.015	2.210	0.087	0.914	0.036	9.00
37-454	0.508	0.020	2.337	0.092	0.914	0.036	9.00
37-455	0.635	0.025	2.464	0.097	0.914	0.036	9.00
37-456	0.762	0.030	2.438	0.096	0.838	0.033	9.00
37-457	0.889	0.035	2.565	0.101	0.838	0.033	9.00
37-458	1.016	0.040	2.692	0.106	0.838	0.033	9.00
37-459	1.143	0.045	2.819	0.111	0.838	0.033	9.00
37-460	1.295	0.051	2.972	0.117	0.838	0.033	9.00
37-461	1.422	0.056	3.099	0.122	0.838	0.033	9.00
37-462	1.651	0.065	3.327	0.131	0.838	0.033	9.00
37-463	1.854	0.073	3.531	0.139	0.838	0.033	9.00
37-464	2.057	0.081	3.734	0.147	0.838	0.033	9.00
37-465	2.286	0.090	3.962	0.156	0.838	0.033	9.00
37-466	2.540	0.100	4.216	0.166	0.838	0.033	9.00
37-467	2.794	0.110	4.470	0.176	0.838	0.033	9.00
37-468	1.524	0.060	3.200	0.126	0.838	0.033	9.00
37-469	3.175	0.125	4.851	0.191	0.838	0.033	9.00

SILICONE PERISTALTIC PUMP TUBING



USP Class VI Medical Grade
Economical, Translucent
Non-toxic, extremely flexible,
abrasion resistant, seamless
and odorless. Recommended for high purity applications.
Especially suited for use on peristaltic pumps.

- Meets FDA, USDA, and USP XXII Class VI standards.
- Excellent biocompatibility.
- Heat resistant.
- Flexibility temperature range:
-80 degrees Fahrenheit to 500 degrees Fahrenheit.
- Maximum temperature: 460 degrees Fahrenheit.
- Color: cream - colored / translucent.
- Do not use with sodium hydroxide, concentrated solvents,
acids or oils.

Catalog Number	I.D. x O.D. x Wall, in.	BURST PSI	Price/Pak 25 Foot
37-340	1/16 x 3/32 x .017	40	\$ 11.55
37-341	1/16 x 1/8 x .032	44	11.83
37-342	1/16 x 3/16 x .063	65	14.81
37-343	1/8 x 1/4 x .063	43	29.70
37-344	3/16 x 5/16 x .063	29	24.75
37-345	3/16 x 3/8 x .094	43	37.50
37-346	1/4 x 3/8 x .063	21	29.70
37-347	1/4 x 7/16 x .094	31	40.59
37-348	1/4 x 1/2 x .125	43	60.39
37-349	5/16 x 7/16 x .063	17	41.58
37-350	5/16 x 1/2 x .094	25	52.47
37-351	3/8 x 1/2 x .063	14	36.63
37-252	3/8 x 9/16 x .094	20	57.42
37-353	3/8 x 5/8 x .125	29	69.30
37-354	1/2 x 5/8 x .063	11	60.39
37-355	1/2 x 11/16 x .094	16	67.32
37-356	1/2 x 3/4 x .125	22	87.12
37-357	5/8 x 7/8 x .125	18	99.00
37-358	3/4 x 1 x .125	15	131.67

Catalog Number	I.D. x O.D. x Wall, in.	BURST PSI	Price/Pak 50 Foot
37-360	1/16 x 3/32 x .017	40	\$ 21.97
37-361	1/16 x 1/8 x .032	44	22.48
37-362	1/16 x 3/16 x .063	65	28.14
37-363	1/8 x 1/4 x .063	43	56.43
37-364	3/16 x 5/16 x .063	29	47.03
37-365	3/16 x 3/8 x .094	43	71.25
37-366	1/4 x 3/8 x .063	21	56.43
37-367	1/4 x 7/16 x .094	31	77.12
37-368	1/4 x 1/2 x .125	43	114.74
37-369	5/16 x 7/16 x .063	17	79.00
37-370	5/16 x 1/2 x .094	25	99.69
37-371	3/8 x 1/2 x .063	14	69.60
37-372	3/8 x 9/16 x .094	20	109.10
37-373	3/8 x 5/8 x .125	29	131.67

PACKAGING:

Tubing is packaged in individual heat sealed poly bags for cleanliness.

TEFLON FEP TUBING

In addition to its low co-efficient of friction, teflon FEP tubing offers excellent performance at both low and high temperatures, along with outstanding resistance to most chemicals.

FEP tubing is nonaging, nontoxic and non-allergenic. It maintains its stiffness, has excellent strength and is crack-resistant. FEP tubing has the best abrasion resistance of the fluoropolymer tubings.

- Best abrasion resistance.
- Chemically inert.
- Heat resistant.
- Bendable even at - 454 degrees F
- Temperature range:
-400 degrees F to 400 degrees F
- Color: Translucent
- Durometer: Shore D 56 +/-5

Catalog No.	Size I.D. x O.D.	I.D. Inch	Wall Inch	Price Per Foot
37-380	1/32" x 1/16"	.031	.015	\$.41
37-381	1/32" x 3/32"	.031	.030	.42
37-382	1/16" x 1/8"	.062	.030	.53
37-383	3/32" x 5/32"	.094	.030	.62
37-384	1/8" x 3/16"	.125	.030	.63
37-385	3/16" x 1/4"	.188	.030	.93
37-386	1/4" x 5/16"	.250	.030	1.15
37-387	5/16" x 3/8"	.313	.030	1.40
37-388	3/8" x 7/16"	.375	.030	1.68
37-389	7/16" x 1/2"	.438	.030	1.89
37-390	1/2" x 9/16"	.500	.030	2.15
37-391	9/16" x 5/8"	.562	.030	2.45
37-392	5/8" x 11/16"	.625	.030	2.71
37-393	11/16" x 3/4"	.688	.032	2.91
37-394	3/4" x .830"	.750	.040	4.12
37-395	7/8" x .965"	.875	.045	5.42
37-396	1" x 1.100"	1.000	.050	6.86
37-397	1-1/4" x 1.330"	1.250	.040	6.74
37-398	1-1/2" x 1.580"	1.500	.040	8.05

FEP HEAVY WALL FRACTIONAL TUBING

Catalog No.	Size I.D. x O.D.	I.D. Inch	Wall Inch	Price Per Foot
37-400	1/16" x 3/16"	.062	.063	\$ 1.03
37-401	1/8" x 1/4"	.125	.063	1.52
37-402	5/32" x 1/4"	.157	.047	1.23
37-403	3/16" x 5/16"	.188	.063	2.05
37-404	1/4" x 3/8"	.250	.063	2.55
37-405	5/16" x 7/16"	.313	.063	3.06
37-406	3/8" x 1/2"	.375	.063	3.57
37-407	7/16" x 9/16"	.438	.063	4.05
37-408	1/2" x 5/8"	.500	.063	4.60
37-409	9/16" x 11/16"	.562	.063	5.14
37-410	5/8" x 3/4"	.625	.063	5.62
37-411	11/16" x 13/16"	.688	.063	6.08
37-412	3/4" x 7/8"	.750	.063	6.63
37-413	7/8" x 1"	.875	.063	7.66
37-414	1" x 1-1/8"	1.000	.063	8.68
37-415	1-1/4" x 1-3/8"	1.250	.063	10.72
37-416	1-1/2" x 1-5/8"	1.500	.063	12.75
37-417	2" x 2-1/8"	2.000	.063	16.85

SLS-LUX Scientific

STANDARD PVC MANIFOLD PUMP TUBING

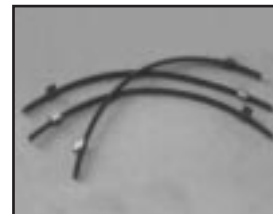
- Ideal for routine use in peristaltic pumps.
- Specially formulated PVC is heat treated for increased life. Resistant to a broad range of inorganic chemicals, particularly mild acids, alkalis and salt solutions.
- Clear, transparent characteristics allow for convenient flow monitoring.
- Durometer of 60 bends easily, grips connectors firmly, and simplifies pump setups.

STANDARD PVC MANIFOLD PUMP TUBING LENGTH 16" (406MM) BRIDGE INTERVAL 6" (125MM) 12/POLYBAG

Catalog No.	Bridge Colors	Inner Diameter		Outer Diameter		Wall Thickness		Price
		mm	inches*	mm	inches*	mm	inches*	
37-570	Orange/Black	0.127	0.005	1.956	0.077	0.914	0.036	\$18.25
37-571	Orange/Red	0.191	0.0075	2.032	0.080	0.914	0.036	18.25
37-572	Orange/Blue	0.254	0.010	2.083	0.082	0.914	0.036	18.25
37-573	Orange/Green	0.381	0.015	2.210	0.087	0.914	0.036	18.25
37-574	Orange/Yellow	0.508	0.020	2.337	0.092	0.914	0.036	18.25
37-575	Orange/White	0.635	0.025	2.464	0.097	0.914	0.036	18.25
37-576	Black	0.762	0.030	2.438	0.096	0.838	0.033	18.25
37-577	Orange	0.889	0.035	2.565	0.101	0.838	0.033	18.25
37-578	White	1.016	0.040	2.692	0.106	0.838	0.033	18.25
37-579	Red	1.143	0.045	2.819	0.111	0.838	0.033	18.25
37-580	Gray	1.295	0.051	2.972	0.117	0.838	0.033	18.25
37-581	Yellow	1.422	0.056	3.099	0.122	0.838	0.033	18.25
37-582	Blue	1.651	0.065	3.327	0.131	0.838	0.033	18.25
37-583	Green	1.854	0.073	3.531	0.139	0.838	0.033	18.25
37-584	Purple	2.057	0.081	3.734	0.147	0.838	0.033	18.25
37-585	Purple/Black	2.286	0.090	3.962	0.156	0.838	0.033	18.25
37-586	Purple/Orange	2.540	0.100	4.216	0.166	0.838	0.033	18.25
37-587	Purple/White	2.794	0.110	4.470	0.176	0.838	0.033	18.25
37-588	Yellow/Blue	1.524	0.060	3.200	0.126	0.838	0.033	18.25
37-589	Black/White	3.175	0.125	4.851	0.191	0.838	0.033	18.25

SILICONE TUBING

- Highly flexible and free of additives or plasticizers.
- Will not readily age, oxidize, or deteriorate over time.
- Excellent flow characteristics.
- Broad compatibility with most acids, alkalis and solvents.
- Wall thickness of 0.914 mm/0.036 inches.



SILICONE MANIFOLD PUMP TUBING LENGTH 16" (406MM) - BRIDGE INTERVAL 6" (152MM) 6/POLYBAG

Catalog No.	Bridge Colors	Inner Diameter		Outer Diameter		Price
		mm	inches*	mm	inches*	
37-600	Translucent	1.473	0.058	3.302	0.130	\$36.00
37-601	Orange/White	0.635	0.025	2.464	0.097	36.00
37-602	Black	0.762	0.030	2.591	0.102	36.00
37-603	Orange	0.889	0.035	2.718	0.107	36.00
37-604	White	0.016	0.040	2.845	0.112	36.00
37-605	Red	1.143	0.045	2.972	0.117	36.00
37-606	Gray	1.295	0.051	3.124	0.123	36.00
37-607	Yellow	1.422	0.056	3.251	0.128	36.00
37-608	Yellow/Blue	1.524	0.060	3.353	0.132	36.00
37-609	Blue	1.651	0.065	3.480	0.137	36.00
37-610	Green	1.854	0.073	3.683	0.145	36.00
37-611	Purple	2.057	0.081	3.886	0.153	36.00
37-612	Purple/Black	2.311	0.090	4.140	0.163	36.00
37-613	Purple/Orange	2.540	0.100	4.369	0.172	36.00
37-614	Purple/White	2.794	0.110	4.623	0.182	36.00

PVC PERISTALTIC PUMP TUBING

CLEAR, ULTRA-FLEXIBLE

This autoclavable tubing sets the new standard for purity and quality in lab-grade, clear plastic Peristaltic Pump tubing. It is made from the highest grade resins and special plasticizers; no fillers or extenders are ever added. It resists a wide range of chemicals, is dimensionally stable and highly resistant to hardening and discoloration.

Of more than 300 laboratories surveyed, 98% rate the overall performance equal to or better than the brand they had been using.



- Specially formulated for use on Peristaltic Pumps.
- All coils marked continuously with I.D. and regulatory compliance.
No more guessing what size you're using.
- All coils have one ft. interval markings for convenient measuring.
- Specially boxed for cleanliness, easy dispensing and storage.
- Extra Flexible Durometer (Shore A) of 55.
- Selected sizes come in 50 and 100 ft. boxes.
- Made of materials which comply with FDA Class VI Requirements.

Catalog Number	I.D. x O.D. x Wall, in.	Max.press. psig		Price 50-ft.	Catalog Number	I.D. x O.D. x Wall, in.	Max.press. psig		Price 50-ft.
		73°F	125°F				73°F	125°F	
37-480	1/16 x 1/8 x 1/32	48	24	\$ 11.34	37-515	5/8 x 13/16 x 3/32	26	13	\$100.06
37-481	1/16 x 3/16 x 1/16	60	30	12.59	37-516	5/8 x 7/8 x 1/8	28	14	120.25
37-482	3/32 x 5/32 x 1/32	42	21	14.48	37-517	5/8 x 15/16 x 5/32	34	17	151.74
37-483	3/32 x 7/32 x 1/16	58	29	15.72	37-518	11/16 x 7/8 x 3/32	26	13	108.76
37-484	1/8 x 3/16 x 1/32	34	17	8.69	37-519	3/4 x 1 x 1/8	26	13	147.46
37-485	1/8 x 1/4 x 1/16	50	25	18.96	37-520	3/4 x 1 1/16 x 5/32	30	15	166.70
37-486	5/32 x 7/32 x 1/32	30	15	9.45	37-521	3/4 x 1 1/8 x 3/16	36	18	230.02
37-487	5/32 x 9/32 x 1/16	44	22	22.01	37-522	3/4 x 1 1/4 x 1/4	40	20	298.77
37-488	3/16 x 1/4 x 1/32	26	13	21.24	37-523	7/8 x 1 1/8 x 1/8	22	11	164.13
37-489	3/16 x 5/16 x 1/16	40	20	26.56	37-524	7/8 x 1 3/16 x 5/32	26	13	189.50
37-490	3/16 x 3/8 x 3/32	52	26	46.65	37-525	1 x 1 1/4 x 1/8	22	11	184.62
37-491	3/16 x 7/16 x 1/8	60	30	63.66	37-526	1 x 1 3/8 x 3/16	28	14	291.33
37-492	1/4 x 5/16 x 1/32	70	35	22.98	37-527	1 x 1 1/2 x 1/4	40	20	291.33
37-493	1/4 x 3/8 x 1/16	34	17	33.76	37-528	1 1/8 x 1 1/2 x 3/16	26	13	289.80
37-494	1/4 x 7/16 x 3/32	44	22	59.69	37-529	1 1/4 x 1 1/2 x 1/8	18	9	202.08
37-495	1/4 x 1/2 x 1/8	52	26	66.38	37-530	1 1/4 x 1 5/8 x 3/16	26	13	316.08
37-496	5/16 x 7/16 x 1/16	30	15	39.07	37-531	1 1/4 x 1 3/4 x 1/4	30	15	490.54
37-497	5/16 1/2 x 3/32	40	20	62.60	37-532	1 1/2 x 1 7/8 x 3/16	22	11	372.68
37-498	5/16 x 9/16 x 1/8	46	23	75.62	37-533	1 1/2 x 2 x 1/4	26	13	572.03
37-499	5/16 x 5/8 x 5/32	52	36	94.62	37-534	1 3/4 x 2 1/4 x 1/4	24	12	581.03
37-500	3/8 x 1/2 x 1/16	26	13	45.52	37-535	2 x 2 1/2 x 1/4	22	11	761.67
37-501	3/8 x 9/16 x 3/32	36	18	64.30					
37-502	3/8 x 5/8 x 1/8	44	22	85.47					
37-503	7/16 x 9/16 x 1/16	48	24	59.88					
37-504	7/16 x 5/8 x 3/323	34	17	72.88					
37-505	7/16 x 11/16 x 1/8	36	18	89.63					
37-506	1/2 x 5/8 x 1/16	22	11	55.77					
37-507	1/2 x 11/16 x 3/32	28	14	83.96					
37-508	1/2 x 3/4 x 1/8	34	17	105.45					

ACID FLEXIBLE TUBING

VITON® RUBBER ACID FLEXIBLE 10 FT. LENGTH/POLYBAG

- Wall thickness of 0.914mm, 0.036 inches.
- Extruded from a unique blend of Viton® rubber to deliver longer pumping life.
- Especially recommended for use with strong acids, alkalis and solvents.
- Flexible enough to resist cracks and flex-fatigue in peristaltic pumps.
- Every lot is precision made, vulcanized and quality tested for consistent dimensions and performance.

Catalog No.	Inner Diameter		Outer Diameter		Price
	mm	inches*	mm	inches*	
37-550	0.508	0.020	2.337	0.092	\$58.00
37-551	0.635	0.025	2.464	0.097	58.00
37-552	0.762	0.030	2.591	0.102	58.00
37-553	0.889	0.035	2.718	0.107	58.00
37-554	1.016	0.040	2.845	0.112	58.00
37-555	1.143	0.045	2.972	0.117	58.00
37-556	1.295	0.051	3.124	0.123	58.00
37-557	1.422	0.056	3.251	0.128	58.00
37-558	1.651	0.065	3.480	0.137	58.00
37-559	1.854	0.073	3.683	0.145	58.00
37-560	2.057	0.081	3.886	0.153	58.00
37-561	2.311	0.091	4.140	0.163	58.00
37-562	2.540	0.100	4.369	0.172	58.00
37-563	2.794	0.110	4.623	0.182	58.00
37-564	1.524	0.060	3.353	0.132	58.00

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MANIFOLD PUMP TUBING

ACCU-RATED™ MEDICAL GRADE PVC TUBING

- For critical applications requiring accurate and consistent flow rates.
- High precision guarantees consistent flow rate from tube to tube within the same product package.
- Transparent, yet has the same chemical resistance as Standard PVC Manifold Tubing.

ACCU-RATED™ PUMP TUBING FOR SMAC® ANALYZERS

- Formulated and extruded specifically for use with SMAC® analyzers.
- Flow rate is indicated by bridge color.
- Same flow rate accuracy and consistency as regular Accu-Rated PVC tubing
- Special Accu-Rated PVC Tubing bridge intervals and flow rates meet the strict requirements of SMAC analyzers.

ACCU-RATED PVC MANIFOLD PUMP TUBING LENGTH 16" (406MM)-BRIDGE INTERVAL 6" (152MM) 12/POLYBAG LONG ACCU-RATED PVC MANIFOLD PUMP TUBING LENGTH 36" (914MM)-BRIDGE INTERVAL 6" (152MM) 1/POLYBAG

Accu-Rated Catalog No.	Long Accu-Rated Catalog No.	Bridge Colors	Nominal Outer Diameter mm	inches*	Nominal Wall Thickness mm	inches*	Flow Rate cc/min	Accu-Rated Price	Long Price
37-700	37-725	Orange/Black	1.956	0.077	0.914	0.036	0.015	\$21.25	\$7.75
37-701	37-726	Orange/Red	2.019	0.0795	0.914	0.036	0.030	\$21.25	\$7.75
37-702	37-727	Orange/Blue	2.083	0.082	0.914	0.036	0.050	\$21.25	\$7.75
37-703	37-728	Orange/Green	2.210	0.087	0.914	0.036	0.100	\$21.25	\$7.75
37-704	37-729	Orange/Yellow	2.337	0.092	0.914	0.036	0.160	\$21.25	\$7.75
37-705	37-730	Orange/White	2.464	0.097	0.914	0.036	0.230	\$21.25	\$7.75
37-706	37-731	Black	2.438	0.096	0.838	0.033	0.320	\$21.25	\$7.75
37-707	37-732	Orange	2.565	0.101	0.838	0.033	0.420	\$21.25	\$7.75
37-708	37-733	White	2.692	0.106	0.838	0.033	0.600	\$21.25	\$7.75
37-709	37-734	Red	2.819	0.111	0.838	0.033	0.800	\$21.25	\$7.75
37-710	37-735	Gray	2.972	0.117	0.838	0.033	1.000	\$21.25	\$7.75
37-711	37-736	Yellow	3.099	0.122	0.838	0.033	1.200	\$21.25	\$7.75
37-712	37-737	Blue	3.327	0.131	0.838	0.033	1.600	\$21.25	\$7.75
37-713	37-738	Green	3.531	0.139	0.838	0.033	2.000	\$21.25	\$7.75
37-714	37-739	Purple	3.734	0.147	0.838	0.033	2.500	\$21.25	\$7.75
37-715	37-740	Purple/Black	3.962	0.156	0.838	0.033	2.900	\$21.25	\$7.75
37-716	37-741	Purple/Orange	4.216	0.166	0.838	0.033	3.400	\$21.25	\$7.75
37-717	37-742	Purple/White	4.470	0.176	0.838	0.033	3.900	\$21.25	\$7.75
37-718	37-743	Blue/Yellow	3.200	0.126	0.838	0.033	1.400	\$21.25	\$7.75
37-719	37-744	Red/Blue	4.851	0.191	0.838	0.033	0.060	\$21.25	\$7.75

ACCU-RATED™ MANIFOLD PUMP TUBING FOR SMAC® ANALYZERS BRIDGE INTERVAL 2.5" (63MM)-12/POLYBAG

Catalog No.	Bridge Colors	Length mm	inches*	Flow Rate cc/min.	Price
37-750	Orange/Blue	660	26	.037	\$29.00
37-751	Orange/Green	660	26	.074	\$29.00
37-752	Orange/Yellow	660	26	.118	\$29.00
37-753	Orange/White	660	26	.166	\$29.00
37-754	Black/Black	660	26	.226	\$29.00
37-755	Orange/Orange	406	16	.287	\$29.00
37-756	White/White	406	16	.385	\$29.00
37-757	Red/Red	406	16	.482	\$29.00
37-758	Gray/Gray	406	16	.568	\$29.00
37-759	Yellow/Yellow	406	16	.642	\$29.00
37-760	Green/Green	406	16	.947	\$29.00
37-761	Yellow/Blue	406	16	.722	\$29.00

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PUMPS AND TUBING

ACID FLEXIBLE VITON® RUBBER MANIFOLD PUMP TUBING

- Extruded from a unique blend of Viton® rubber to deliver longer pumping life.
- Especially recommended for use with strong acids, alkalis and solvents.
- Flexible enough to resist cracks and flex-fatigue in peristaltic pumps.
- Every lot is precision made, vulcanized and quality tested for consistent dimensions and performance.
- Wall thickness of 0.914mm/0.036 inches.



ACID FLEX MANIFOLD PUMP TUBING LENGTH 7" (178MM) - BRIDGE INTERVAL 127MM (5 IN)-12/POLYBAG

Catalog No.	Bridge Colors	Inner Diameter mm	Inner Diameter inches*	Outer Diameter mm	Outer Diameter inches*	Price
37-625	Orange/Yellow	0.508	0.020	2.337	0.092	\$80.00
37-626	Orange/White	0.635	0.025	2.464	0.097	80.00
37-627	Black/Black	0.762	0.030	2.591	0.102	80.00
37-628	Orange/Orange	0.889	0.035	2.718	0.107	80.00
37-629	White/White	1.016	0.040	2.845	0.112	80.00
37-630	Red/Red	1.143	0.045	2.972	0.117	80.00
37-631	Gray/Gray	1.295	0.051	3.124	0.123	80.00
37-632	Yellow/Yellow	1.422	0.056	3.251	0.128	80.00
37-633	Blue/Blue	1.651	0.065	3.480	0.137	80.00
37-634	Green/Green	1.854	0.073	3.683	0.145	80.00
37-635	Purple/Purple	2.057	0.081	3.886	0.153	80.00
37-636	Purple/Black	2.311	0.091	4.140	0.163	80.00
37-637	Purple/Orange	2.540	0.100	4.369	0.172	80.00
37-638	Purple/White	2.794	0.110	4.623	0.182	80.00
37-639	Yellow/Blue	1.524	0.060	3.353	0.132	80.00

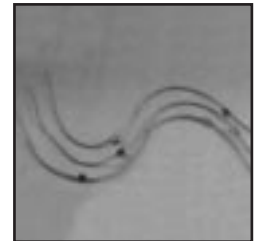
MANIFOLD PUMP TUBING

MEDICAL GRADE SOLVENT FLEXIBLE PVC PUMP TUBING

- Manufactured from a uniquely formulated medical grade PVC.
- Ensures long pumping life when using routine solvents in medical applications.

NON-MEDICAL GRADE SOLVENT FLEXIBLE-HC TUBING

- Resists swelling and brittleness when exposed to solvents.
- For use in industrial (non-medical) applications - pumping fuels, lubricants, oils, kerosene and other aggressive solvents.
- Not for use with strong acids or alkalis.



SOLVENT FLEX MANIFOLD PUMP TUBING LENGTH 16" (406MM)-BRIDGE INTERVAL 5.5" (140MM) 12/POLYBAG

Solvent Flex Catalog No.	Solvent Flex-HC Catalog No.	Colors	Inner Diameter mm	Inner Diameter inches*	Outer Diameter mm	Outer Diameter inches*	Wall Thickness mm	Wall Thickness inches*	Price
37-650	37-670	Orange/Blue	0.254	0.010	2.083	0.082	0.914	0.036	\$19.00
37-651	37-671	Orange/Green	0.381	0.015	2.210	0.087	0.914	0.036	19.00
37-652	37-672	Orange/Yellow	0.508	0.020	2.337	0.092	0.914	0.036	19.00
37-653	37-673	Orange/White	0.635	0.025	2.464	0.097	0.914	0.036	19.00
37-654	37-674	Black	0.762	0.030	2.438	0.096	0.838	0.033	19.00
37-655	37-675	Orange	0.889	0.035	2.565	0.101	0.838	0.033	19.00
37-656	37-676	White	1.016	0.040	2.692	0.106	0.838	0.033	19.00
37-657	37-677	Red	1.143	0.045	2.819	0.111	0.838	0.033	19.00
37-658	37-678	Gray	1.295	0.051	2.972	0.117	0.838	0.033	19.00
37-659	37-679	Yellow	1.422	0.056	3.099	0.122	0.838	0.033	19.00
37-660	37-680	Blue	1.651	0.065	3.327	0.131	0.838	0.033	19.00
37-661	37-681	Green	1.854	0.073	3.531	0.139	0.838	0.033	19.00
37-662	37-682	Purple	2.057	0.081	3.734	0.147	0.838	0.033	19.00
37-663	37-683	Purple/Black	2.286	0.090	3.962	0.156	0.838	0.033	19.00
37-664	37-684	Purple/Orange	2.540	0.100	4.216	0.166	0.838	0.033	19.00
37-665	37-685	Purple/White	2.794	0.110	4.470	0.176	0.838	0.033	19.00
37-666	37-686	Yellow/Blue	1.524	0.060	3.200	0.126	0.838	0.033	19.00

MEDIPRENE TUBING

- Mediprene Tubing is made from Santoprene®, a thermoplastic medical grade rubber.
- Significantly longer pumping life compared to silicone.
- Highly flexible tubing reduces failure and contamination.
- Meets USP Class IV and FDA criteria.
- Repeated sterilization by autoclaving will not effect tubing strength, shape or appearance.
- Less gas permeable than silicone.
- Highly resistant to UV light exposure and strong chemicals
- Wall thickness of 0.914mm/0.36 inches.

MEDIPRENE TUBING LENGTH 16" (406MM) - BRIDGE INTERVAL 6" (152MM) 6/POLYBAG

Catalog No.	Bridge Colors	Inner Diameter		Outer Diameter		Price
		mm	inches*	mm	inches*	
37-770	Orange/Yellow	.508	.020	2.337	.092	\$29.50
37-771	Orange/White	.635	.025	2.464	.097	\$29.50
37-772	Black	.762	.030	2.591	.102	\$29.50
37-773	Orange	.889	.035	2.718	.107	\$29.50
37-774	White	1.016	.040	2.845	.112	\$29.50
37-775	Red	1.143	.045	2.972	.117	\$29.50
37-776	Gray	1.295	.051	3.124	.123	\$29.50
37-777	Yellow	1.422	.056	3.251	.128	\$29.50
37-778	Translucent	1.473	.058	3.302	.130	\$29.50
37-779	Yellow/Blue	1.524	.060	3.353	.132	\$29.50
37-780	Blue	1.651	.065	3.480	.137	\$29.50
37-781	Green	1.854	.073	3.683	.145	\$29.50
37-782	Purple	2.057	.081	3.886	.153	\$29.50
37-783	Purple/Black	2.311	.090	4.140	.163	\$29.50
37-784	Purple/Orange	2.540	.100	4.369	.172	\$29.50
37-785	Purple/White	2.794	.110	4.623	.183	\$29.50

TRADEMARK INFORMATION

TRADEMARK

COMPANY

Abbott ABA & UP	Abbott Lab
Accropet	Bel-Art
Accu-rated	Elkay
Aquet	Bel-Art
Astra, Beckman	Beckman Instruments
Beckman	Beckman Instruments
Bench Boosters	Tripp NT
Bel-Blotter	Bel-Art
Best-Rack	USA/Scientific Plastics
Calibra	Socorex ISBA
Cassette	Manostat
Centrifucum	Baker Instruments
Centri-pack	Elkay
Cide-Swipes	Dynalox
Clay-Adams	Becton Dickinson
Cobas Bio	Hoffmann-La Roche
Combiplate	Lab Systems
Constat	Constar Corporation
Corning	Corning Inc.
Coulter	Coulter Electronics
Cubitainer	Hedwin Corpor
Diamond Grip	Micro Flex
Dily-Vials	Elkay
Dyna-Block	National Lab Net
Dyna-Chill	National Lab Net
Dyna tech	Dynatech Laboratories
Easi-Gorid	Jencon
Elkay	Elkay Products Inc.
Ektachem	Eastman Kodak
Envirocide	Viro Research
Eppendorf	Eppendorf Netheder
Ezee-nest	Elkay
Fibrometer	Becton Dickinson
Finnpipetter	Lab Systems
Finnpip	Lab Systems
Gene Capsule	Geno Technology
Helena	Helena Plastics
Hema-tek	Ames Company
Hitachi	Hitachi LTD
Hold Fast	Bel-Art
Hypalon	E.I. duPont de Nemour
Kimwipes	Kimberly Clark
Liquipette	Elkay
Label off	Bel-Art
Lancer	Sherwood Medical
Mano Mark	Bel-Art
Micro one	Micro Flex
Micro strip	Lab Systems
Max	Bel-Art
Mini Balance Bank	Trippnt
Mini Pet	Bel-Art

MLA, D-Tipper	Medical Laboratorp Automation
Mono-Block	Bel-Art
Mopet	Manostat
Nova	Nova Biomedical
Octapette	Costar
Orion	Orion ResearchInc.
Oxford	Sherwood Medical
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Portapet	Manostat
Poxygrid	Bel-Art
Proguard	Elkay
Proline	Biohit Systems
Rainin	Rainin Instruments
Roto-Flo	Bel-Art
Scienceware	Bel-Art
Scrub Care	Viro Research
SMAC	Technion Instrument
Snap Ring Vial	J.G. Finneran Associates, Inc.
Snap Top Cap	J.G. Finneran Associates, Inc.
Socorex	Socorex ISBA
Spin Drive	Bel-Art
Stack A Tray	Bel-Art
Technicon, SMA, SMAC	Technicon Instruments
Techpette	Lab Systems
Tedlar	E.I. duPont de Nemours
Teflon	E.I. duPont de Nemours
Temp Guard	Mano Stat
Titertek	JCN Flow Laboratories
Top Hat	J.G. Finneran Associates, Inc.
TPX	Mitsui
Transpettle	Bel-Art
Tri-Star	Dynalox
Tygon	Norton
Ultra-Dish	Valmark
Ultra-M	Lazar
Ultra-Vu	Elkay
Uni well	Elkay
Vacutainer	Becton Dickinson
Vaku Wash	Bel-Art
Varistaltic	Manostat
Varipet	Bel-Art
Versatube	Manostat
Vioney	Viro Research
Viton	E.I. duPont de Nemours
Volac	Bel-Art
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NOTES



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