

# Neu-tec Group - IUL Instruments

2004 PRICE LIST (V.02/04)

## Microbiology Line

Authorized Distributor [www.clarksonlab.com](http://www.clarksonlab.com)

Cat. No.	Model	List Price \$US
<b>MASTICATOR - BAG MIXER</b>		
<b>BASIC</b>		
470	400ml 220/240V 50/60Hz 50 bags	\$2,606
471	400ml 100/125V 50/60Hz 50 bags	\$2,606
<b>BASIC PANORAMIC</b>		
475	400ml 220/240V 50/60Hz 50 bags	\$2,869
477	400ml 100/125V 50/60Hz 50 bags	\$2,869
<b>CLASSIC</b>		
400	400ml 220/240V 50/60Hz 50 bags	\$3,113
401	400ml 100/125V 50/60Hz 50 bags	\$3,113
<b>CLASSIC PANORAMIC</b>		
500	400ml 220/240V 50/60Hz 50 bags	\$3,450
501	400ml 100/125V 50/60Hz 50 bags	\$3,450
<b>SILVER</b>		
420	400ml 220/240V 50/60Hz 50 bags	\$3,929
421	400ml 100V 50/60Hz 50 bags	\$3,929
461	400ml 115V 50/60Hz 50 bags	\$3,929
<b>SILVER PANORAMIC</b>		
520	400ml 220/240V 50/60Hz 50 bags	\$4,286
521	400ml 100V 50/60Hz 50 bags	\$4,286
522	400ml 115V 60Hz 50 bags	\$4,286
<b>OPTIONAL ACCESSORIES</b>		
742	Stand & tray for any model of Mast. 400ml	\$113
743	Tray	\$11
<b>COMPACT MASTICATOR - BAG MIXER</b>		
85	80ml 230V 50/60Hz 50 bags	\$2,719
86	80ml 100V 50/60Hz 50 bags	\$2,719
87	80ml 115V 50Hz 50 bags	\$2,719
<b>SPARE PARTS (COMPACT)</b>		
143	Front metacrilate door	\$38
<b>CONSUMABLES 400 ml bags</b>		
14010	500 irradiated packed 10 by 10	\$103
1428	5000 irradiatd packed 10 by 10	\$891
14050	500 irradiated packed 50 by 50	\$94
5421	5000 irradiated packed 50 by 50	\$788
14501	500 Filter irradiated packed 25 by 25	\$356
2451	2000 Filter irradiated packed 25 by 25	\$1,378
2452	5000 Filter irradiated packed 25 by 25	\$3,000
2454	2500 irradiated crude packed 50 by 50	\$309
2453	10000 irradiated cruce packed 50 by 50	\$1,172
<b>CONSUMABLES 80 ml bags</b>		
2456	1500 irradiated packed 25 by 25	\$141
2457	4500 irradiated packed 25 by 25	\$403
<b>PORTABAG - 6 BAGS HOLDER</b>		
2300	Stainless steel holder for 6 bags	\$178
2380	Stainless steel holder for 6 bags 80ml	\$178
<b>SPARE PARTS</b>		

2370	Set of 4 feet	\$15
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**GRAVIMETRIC DILUTOR**

**STANDARD DILUTOR SINGLE PUMP**

2510	220V 50/60Hz tubing set. Bottle 5l	\$4,950
2580	115V 60Hz tubing set. Bottle 5l	\$4,950
2584	100V 50/60Hz tubing set. Bottle 5l	\$4,950
2585	240V 50/60Hz tubing set. Bottle 5l	\$4,950

**DELTA DILUTOR SINGLE PUMP**

2500	220V 50/60Hz tubing set. Bottle 5l	\$6,135
2501	115V 60Hz tubing set. Bottle 5l	\$6,135
2503	100V 50/50Hz tubing set. Bottle 5l	\$6,135
2523	240V 50/60Hz tubing set. Bottle 5l	\$6,135

**DELTA DILUTOR TWO PUMPS**

2502	220V 50/60Hz 2 tubing set. 2 Bottles 5l	\$6,675
2504	115V 60Hz 2 tubing set. 2 Bottles 5l	\$6,675
2505	100V 50/60Hz 2 tubing set 2 Bottles 5l	\$6,675
2524	240V 50/60Hz 2 tubing set. 2 Bottles 5l	\$6,675

**SPARE PARTS**

2513	Substituted by Cat. No. 2656	
2516	Substituted by Cat.No. 2657	
2529	Tubing Set	\$38
2641	PVC knurled screw arm	\$19
2654	Platform for Masticator bags 400 ml	\$188
2656	Dilution arm 1 pump	\$253
2657	Dilution arm 2 pump	\$272
2685	Methacrylate holder (Cat.2654)	\$131
8140	Substituted by Cat. No. 2654	
8165	Autoclavable bottle 5l GL-45	\$225
8181	Silicon lid with inox tubes (for GL-45)	\$113
8182	Set of 2 autoclavable filters 0.2µ	\$26
8183	Envelope with sticky putty	\$8
8184	Silicon lid without inox tubes (for GL-45)	\$9
8331	Edge of dispensing tube inox	\$38
8390	Plastic screw for pan with O-ring	\$8
38156	Pump rotor with rollers	\$113
38157	Fastening band for peristaltic pump	\$66
38158	Locker for fastening band ("Z"shape)	\$47

**OPTIONAL ACCESSORIES**

677	Multilevel arm screw	\$19
2507	Autoclavable tubing set Ø3mm	\$38
2508	Edge of dispensing tube inox Ø3mm	\$38
2509	Silicone lid with inox tubes GL-45 Ø3mm	\$113
2511	Weighing platform for beakers/flasks	\$169
2512	Multilevel dilution arm	\$272
2514	Communication cable for printer	\$38
2515	Communication cable for balance	\$38
2519	Calibration weight 2000g	\$422
2522	Official Certificate for calibration weight	\$281
2528	Set of tubing 100 cm longer to bottle	\$47
2558	Set of tubing 10 cm longer to dispensing	\$47
2655	Multilevel dilution arm two pumps	\$291
2671	Bag holder for open bags fully	\$375
3069	Printer (serial interface 40 columns)	\$563
3070	Label printer (serial interface)	\$1,163
8142	Platform for Masticator bags 80 ml	\$338

<b>EDDY JET</b>		
1700	220V 50/60Hz 1000 syr. 1000 beakers	\$15,188
1701	115V 60Hz 1000 syr. 1000 beakers	\$15,188
1702	100V 50/60Hz 1000 syr. 1000 beakers	\$15,188
<b>CONSUMABLES</b>		
1780	1000 disposable irradiated syringes	\$244
1790	1000 disposable irradiated beakers	\$113
1791	Waste container for used syringes	\$19
<b>OPTIONAL ACCESSORIES</b>		
1715	Plate for 15 cm petri dishes	\$469
1724	Laminated table of volume	\$6
1829	Holder for old beakers sampling	\$47
2514	Communication cable for printer	\$38
2515	Communication cable for balance	\$38
3069	Printer (serial interface 40 columns)	\$563
<b>SPARE PARTS</b>		
1710	Plate for 9 cm petri dishes	\$469
1903	Disk 3mm	\$28
1904	Disk 5mm	\$28
1949	Holder for beakers box	\$56
1950	Holder for micro-syringes box	\$75
1967	Holder for beakers sampling	\$47
1974	Holder for 10 beakers	\$38
3067	Plastic cover	\$94
<b>BIO DILUTOR</b>		
<b>BASIC</b>		
1300	220V 50/60Hz syringe 10ml 60 tips	\$5,295
1301	115V 60Hz syringe 10ml 60 tips	\$5,295
1302	100V 50/60Hz syringe 10ml 60 tips	\$5,295
<b>ADVANCED</b>		
1310	220V 50/60Hz syringe 10ml 60 tips	\$6,060
1311	115V 60Hz syringe 10ml 60 tips	\$6,060
1312	100V 50/60Hz syringe 10ml 60 tips	\$6,060
<b>CONSUMABLES</b>		
1322	Bag 1000 disposable tips no irradiated	\$103
1450	Box of 1000 irradiated straws	\$56
1470	Box of 24 containers of 60 tips irradiated	\$544
1480	Bag of 10 stainless steel holder 60 tips	\$113
1490	Box of 24 empty containers	\$131
8182	Bag of 2, 0.2 $\mu$ filter for bottle stopper	\$26
<b>OPTIONAL ACCESSORIES</b>		
1348	Optional foot switch	\$56
1408	Stainless steel delivery tube 100 $\mu$ yellow	\$75
1445	Hand-held straw system & delivery tube	\$159
1446	Stainless steel delivery tube for straws	\$56
1502	Stainless steel tube for straws hand held	\$103
2514	Communication cable for printer	\$38
2515	Communication cable for balance	\$38
3069	Printer (serial interface 40 columns)	\$563
3070	Label printer (serial interface)	\$1,163
<b>SPARE PARTS</b>		
1320	Hand-held tip system	\$309
1323	Set of silicone tubes	\$56
1325	Bottle 500ml	\$19

1327	Stopper for bottle + stainless steel tubes	\$47
1329	Holder for hand-held	\$75
1330	Autoclavable stand for LT syringes	\$309
1338	Stainless steel delivery tube	\$75
1339	Silicone stopper for delivery tube	\$19
1346	Knurled screw for stand	\$28
1347	Knurled screw for srynge plunger	\$28
1352	3 rubber clips cable-silicone tubes	\$28
1353	Valve locker	\$38
1354	2 washer and 2 knurled for stand	\$19
1413	Syringe base	\$47
1441	Friction washer	\$9
1508	O-Ring + teflon tip	\$38
1509	Autoclavable syringe LT 10ml ST. plunger	\$272
1510	Syringe barrel + 2 silicon washers	\$94
1511	Stainless plunger complete	\$178
<b>COUNTERMAT FLASH</b>		
<b>COUNTERMAT FLASH</b>		
4000	200V 50/60Hz counter software	\$12,938
4001	115V 60Hz counter software	\$12,938
4002	100V 50/60Hz counter software	\$12,938
<b>COUNTERMAT FLASH + INHIBITION</b>		
4006	220V 50/60Hz counter-zones software	\$16,688
4007	115V 60Hz counter-zones software	\$16,688
4008	100v 50/60Hz counter-zones software	\$16,688
<b>OPTIONAL ACCESSORIES</b>		
4143	Centering device for 50 mm plate	\$375
4169	Cover for Countermat Flash	\$178
4100	Dell PC Flat Pannel Screen, Flash Software preloaded	\$1,500
<b>SPARE PARTS</b>		
4015	Video cable	\$38
4016	RS-232 cable Flash PC	\$38
4022	CD-ROM Software	\$94
4109	White contrast background	\$19
4110	Black contrast background	\$19
4113	Test pattern plate	\$56
4115	Centering device for 90mm plate	\$300
4113	Centering disk	\$56
4154	Inhibition Zones pattern (4)	\$56
4156	Inhibition Zones pattern (6)	\$56
4173	Transparent ring + joint ring	\$197
<b>PLATE HANDLER</b>		
<b>PLATE HANDLER</b>		
4301	Plate handler for countermat flash	\$40,200
<b>SPARE PARTS</b>		
4340	Carrousel for 80 petri dishes	\$150
<b>MANUAL COLONY COUNTERS</b>		
<b>COLONY COUNTER TWO INPUT (601)</b>		
601	220V 50/60Hz lens with light (671)	\$1,605
1601	100/120V 50/60Hz lens with light (1671)	\$1,605
<b>COLONY COUNTER ONE INPUT (602)</b>		
602	220V 50/60Hz lens without light (672)	\$1,153
1602	100/120V 50/60Hz lens without light (672)	\$1,153
<b>COLONY COUNTER ONE INPUT (604)</b>		
604	220V 50/60Hz lens with light (671)	\$1,444

1604	100/120V 50/60Hz lens with light (1671)	\$1,444
<b>COLONY COUNTER TWO INPUT (605)</b>		
605	220V 50/60Hz lens with light (670)	\$1,763
1605	100/120V 50/60Hz lens with light (1670)	\$1,763
<b>OPTIONAL ACCESSORIES</b>		
606	60mm centering device	\$84
608	80mm centering device	\$84
610	100mm centering device	\$84
612	120mm centering device	\$84
613	Mixed grid 1/16cm <sup>2</sup>	\$19
615	150mm centering device	\$84
616	Mixed grid 1/9cm <sup>2</sup>	\$19
625-1	Spiral grid	\$19
646	Fiber marker "F" normal point, "S" fine p.	\$66
<b>SPARE PARTS</b>		
<b>RACK MAGNIFYING GLASS 670</b>		
670	220V 50/60Hz 120mm lens with light	\$628
1670	100/120V 50/60Hz 120mm lens with light	\$628
<b>LOCK MAGNIFYING GLASS 671</b>		
671	220V 50/60Hz 120mm lens with light	\$431
1671	100/120V 50/60Hz 120mm lens with light	\$431
<b>MAGNIFYING GLASS 672</b>		
672	100mm without light lock type	\$141
<b>GENERAL</b>		
609	90mm centering device	\$47
617	Wollffhügel reticula	\$19
618	Inox contact points	\$47
638	Dark contrast screen	\$8
676	Knurled screw	\$19
677	Multilevel arm screw	\$19
680	139 X 139mm glass protector	\$11
<b>CONSUMABLES</b>		
687	Indeleble fiber marker spare	\$8
<b>HALOES CALIPER</b>		
<b>HALOES CALIPER</b>		
900	220V 50/60Hz	\$2,700
901	115V 60Hz	\$2,700
902	100V 50/60Hz	\$2,700
<b>HALOES MASK</b>		
919	Test gauges	\$45
985	Grid	\$28
2131	Mask of 6 small cups (10 units)	\$188
2132	Mask of 4 small cups (10 units)	\$188
<b>POLY STAINER</b>		
5300	220V 50/60Hz	\$7,125
5301	115V 60Hz	\$7,125
5302	100V 50/60Hz	\$7,125
<b>SPARE PARTS</b>		
5414	Outlet silicon tube	\$68
5415	Inlet water tube	\$84
5417	Basket for slides	\$56
5418	Container with cover	\$75
5438	Stainless Steel container tray	\$844
5400	Drying rubber tube	\$84
<b>OPTIONAL ACCESSORIES</b>		

5310	Quick drain system	\$356
<b>SPIN AIR</b>		
<b>SPIN AIR</b>		
5500	Spin Air for 90mm Petri Dishes	\$3,735
5501	Spin Air for 60mm Petri Dishes	\$3,735
<b>SPIN AIR SLAVE</b>		
5502	Spin Air slave for 90mm Petri Dishes	\$2,535
5503	Spin Air slave for 60mm Petri Dishes	\$2,535
<b>OPTIONAL ACCESSORIES</b>		
5504	Set for 90mm Petri Dishes	\$319
5505	Set for 60mm Rodac plates	\$319
5510	Cable for PC/Printer communication	\$38
5700	Bar-code reader	\$900

*(Price list is subject to change at any time)*

## SERVICE

Cat. No.	Model	
<b>MASTICATOR</b>		
<b>COMMON PARTS</b>		
591	Fuse 2,5A	\$1
1722	Fuse 1,6A	\$1
1723	Fuse 3,15A	\$1
14060	Pressure paddle for 80-500 (set of two)	\$113
14061	Pressure paddle for 15-250 (set of two)	\$113
14210	Delrin piston for microswitch front cover	\$9
14440	Upper or lower closing guide	\$28
14600	Motor cushions & screws	\$38
14610	Silent blocks main holder	\$19
14630	Motor with pulley 220V	\$319
14631	Motor with pulley 110V	\$319
14650	Rubber band	\$13
14660	Microswitch front cover	\$38
14661	Short microswitch	\$38
14670	Motor dragging unit	\$253
14680	Dragging unit for push/pull paddles	\$253
14690	Buffered connecting-rod unit with shaft	\$131
14700	Gliding bearing for "to and for"mov.	\$66
14720	Locking or guide silicone tube (2 units)	\$13
14730	Rubber foots (4 units)	\$13
14740	Approaching disk paddles to front	\$32
<b>BASIC &amp; CLASSIC</b>		
14710	Front cover hinge unit with lever (Classic)	\$141
14711	Front cover hinge unit with lever (Basic)	\$131
14591	Electronic timing relay 100/110V	\$131
<b>SILVER</b>		
514	Keyboard Masticator	\$103
515	Front cover hinge unit with lever	\$150
516	Main PCB & display PCB 220V	\$506
525	Main PCB & display PCB 100V	\$506
526	Main PCB & display PCB 115V	\$506
589	Motor with pulley 220V	\$347
590	Motor with pulley 100/110V	\$347
598	Set of closing switches	\$79
14870	Encoder	\$34

14881	Photoswitch Masticator Silver	\$75
<b>MICROPROCESSOR</b>		
14840	Electronic chassis	\$375
14850	Door embellishment piece	\$131
14870	Encoder	\$34
14880	Photoswitch	\$66
14891	Disk for handle	\$38
14901	Lever shaft	\$75
14930	Display board	\$253
14940	Microprocessor board	\$506
<b>COMPACT</b>		
142	Stainless Steel frame for metacrilate door	\$56
144	Handle front door	\$150
145	Timer	\$131
146	Toroidal trafo.	\$84
729	Fuse 0,2A	\$1
730	Fuse 0,5A	\$1
<b>DELTA DILUTOR COMMON PARTS</b>		
2563	Arm microswitch	\$28
2564	Display	\$150
2566	Internal flat printer/balance wires	\$28
2567	Weighing load cell	\$506
2570	Calibration weifgt 2500gr	\$506
2571	Transformer	\$56
2606	Fuse 0,630A	\$1
2607	Fuse 0,315A	\$1
2666	Base for bag holder	\$56
2667	Plastic screws (2)	\$15
8141	Metacrilate wall for bag holder (Cat.No.8140)	\$75
25703	Peristaltic pump motor	\$375
25704	Powerline filter	\$56
25705	Buzzer	\$38
25706	Set lateral and bottom screws	\$38
38159	Peristaltic pump body	\$169
<b>DELTA DILUTOR SINGLE &amp; TWO PUMPS</b>		
2565	Keyboard Delta Dilutor	\$253
2588	Delta Dilutor mould with keyb. & display	\$694
25700	Eprom version X.xx	\$150
25701	Non-volatile RAM	\$75
25702	Main PCB 1 pump	\$1,088
25707	Main PCB 2 pumps	\$1,125
<b>STANDARD DILUTOR SINGLE &amp; TWO PUMPS</b>		
2664	Main PCB	\$1,069
2674	$\mu$ p + prom version X.xx	\$150
2727	Standard Dilutor mould with keyb. & display	\$694
2677	Non-volatile RAM	\$75
<b>CHRONODILUTOR</b>		
2645	Main PCB one pump	\$1,088
2646	Keyboard Chronodilutor	\$253
2649	Main PCB two pumps	\$1,125
2665	Eprom version X.xx	\$150
25701	Non-volatile RAM	\$75
<b>SYSTEM DILUTOR</b>		
2646	Keyboard System Dilutor	\$253
2670	Main PCB	\$1,088

2675	Eprom version X.xx	\$150
2693	Main PCB two pumps	\$1,125
25701	Non volatile RAM	\$75
<b>EDDY JET</b>		
1720	Srynge holder	\$2,559
1722	Fuse 1,6A	\$1
1723	Fuse 3,15A	\$1
1792	Optocoupler rail	\$375
1793	Turnable device without plate holder	\$750
1794	Srynge feeder	\$2,250
1795	Set of 11 black stopper	\$75
1796	Keyboard & display	\$694
1797	PCB for control	\$1,313
1798	PCB power	\$1,500
1799	PCB cable connection	\$66
1800	Motor carriage	\$413
1821	Transport lock screw	\$38
1935	Adjustment pattern	\$38
1936	Srynge feeder alignment piece	\$56
1937	Srynge extractor device	\$628
1944	Set of polycarbonate sheets (dark grey)	\$30
1956	Set of optocouplers	\$94
1970	Transformer	\$150
1972	Eprom version X.xx	\$225
1973	Plastic screw for mounting of turntable	\$1
1989	New flat cable main PCB carriage	\$338
1990	New spring set	\$34
25701	Non volatile RAM	\$75
<b>BIO DILUTOR</b>		
<b>COMMON PARTS</b>		
1385	Lift set with control PCB	\$3,188
1458	Display Bio Dilutor	\$131
1461	Transformer 220V	\$56
1506	Transformer 110V	\$56
1507	Transformer 100V	\$56
4021	Fuse 2A	\$1
14620	Fuse 1A	\$1
25701	Non-volatile RAM	\$75
<b>BASIC</b>		
1467	Main PCB Basic	\$441
1501	Eprom version X.xx Basic	\$150
<b>ADVANCED</b>		
1459	Keyboard	\$253
1462	Main PCB Advanced	\$441
1500	Eprom version X.xx Advanced	\$150
<b>COUNTERMAT FLASH</b>		
1722	Fuse 3,15A	\$1
1723	Fuse 1,6A	\$1
2677	Non-volatile RAM	\$75
4005	Aver video capture PCB	\$188
4010	Camera with support	\$3,000
4011	Reflector & lift assembly	\$1,219
4012	Illuminator assembly	\$234
4020	Main PCB	\$2,175
4023	Adapt. 25 pins female to 9 pins male	\$13
4024	Halogen lamp 12V	\$19



4130	Fan	\$75
4140	Transformer	\$150
4163	µp+ prom version X.xx	\$300
4165	Metacrylate lens	\$281
<b>COUNTERMAT</b>		
2074	Plate glass	\$103
2114	Lighting system and scanner card	\$5,756
2115	Halogen lamp	\$28
2117	Power supply	\$225
2118	VGA card	\$225
2122	Toroidal transformer	\$131
2123	Manual introductory	\$975
2125	Springs for Manual introductory device	\$38
2128	IUL 604 card (optical unit) specify freq. Hz	\$150
4164	PC motherboard battery	\$13
<b>AUTOSAMPLER</b>		
2137	IUL 602 card	\$319
2138	Turntable Autosampler	\$1,500
2139	Lifting unit	\$4,875
2142	IUL 603 card	\$38
<b>COLONY COUNTER</b>		
729	Fuse 0,2A	\$1
730	Fuse 0,5A	\$1
16110	Unit of translucent plastic for Cat.600	\$28
16360	PCB for Cat. No.600	\$131
16363	PCB for Cat. No.603	\$178
16530	Transformer, 220V 8V	\$23
16531	Transformer, 110V	\$23
16540	Reactance 220V 4-6-8W	\$32
16550	Choke for fluorescent lamp	\$4
16560	Lamp PL-S, 7W	\$28
16570	Unit of translucent glass for Cat.603	\$206
16580	Reset push button	\$9
16610	Fluorescent lamp 6W	\$9
<b>HALOES CALIPER</b>		
729	Fuse 0,2A	\$1
730	Fuse 0,5A	\$1
918	Glass base	\$38
950	Center arm	\$38
968	Lamp 6V/1.8W 0.3A	\$9
995	PCB for encoder system	\$675
<b>POLY STAINER</b>		
591	Fuse 2,5A	\$1
1722	Fuse 1,6A	\$1
5416	Overflow level tube	\$66
<b>SPIN AIR</b>		
5513	Cable Main unit-slave	\$56
<b>ALL INSTRUMENTS COMMON PARTS</b>		
4017	Power cord	\$9
4018	Power cord (Japan & USA)	\$9