



WARING
LABORATORY SCIENCE®

4-Liter Laboratory Blender and Accessories



LBC15
Four-Liter
Laboratory Blender

Technical Data

Capacity:	4 liters
Switch Settings:	Off - Lo - Med - Hi - Pulse
RPM:	Hi-20,800, Med-18,000, Lo-15,800
Rating:	120 volts - 50/60Hz - single phase - AC - 15 Amps Available in 240 volt
Base:	Die-cast gray epoxy coating
Container:	Stainless steel with stainless steel blades - stainless steel clamp-on lid with rubber gasket and stopper
Bearing:	High-performance ball bearings
Cord:	7-foot 14 gauge three conductor grounded cord
Overall Height:	26 inches
Weight:	Net shipping weight 38 lbs.
Listings:	UL, NSF; CUL
Catalog Number	Description
LBC15	4-liter blender
CB15BU	4-liter blender base only
CAC70	Two handle 4 liter container w/lid for CB10
CB15T	4-liter blender w/3-min. timer and two-handle container
CB15TB	4-liter blender base only w/timer
LBC10C	4-liter blender

- Two handles for safer, easier lifting, pouring and carrying
- Sealed, precision, hi-tech ball bearing system extends the life of our blenders
- Easy-to-clean electronic membrane panel
- 3.75 HP motor with 3 speeds plus pulse
- Deeper, wider, full traction rubber non-skid feet keep the blender stable
- Removable dishwasher safe jar pad



2610C

- Four-Liter Cool Base Container
- Four-liter stainless steel container with jacketed base, allowing for water-cooling of bearing during extended operation periods
 - Unit does not include lid or cover gasket



2610T

- Four-Liter Temperature Control Coil
- Stainless steel coil for use with 2610C or standard 4-liter CAC70 containers
 - Water circulated through helical coil cools media being processed
 - Comes complete with cover and gasket



AD1

- Four-Liter Adapter
- Allows use of one-liter and smaller containers on four-liter motor units



2610F

- Four-Liter Foam Arrestor
- Adjustable baffle used to reduce foam in media
 - For use with 2610C or standard 4-liter CAC70 containers
 - Comes complete with cover and gasket

2-Liter Laboratory Blender and Accessories



**HGBSS
Two-Liter
Laboratory Blender**

Technical Data

Capacity:	2 liters
Switch Settings:	Off - Lo - Hi
RPM:	21,500 - 24,500
Rating:	120 volts - 50/60Hz - 7.5 Amps, Available in 240 volt
Base:	Stainless steel motor housing with die-cast epoxy coated base
Container:	Stainless steel
Lid:	Two-piece vinyl and styrene cover
Coupling:	Rubber-coated metal drive coupling
Cord:	6 feet
Overall Height:	19 inches
Weight:	Net shipping weight 20 lbs.
Listings:	UL, NSF, CUL
Catalog Number	Description
HGBSS	2-liter blender; UL
HGCSS	2-liter blender; CSA listed
CAC31	2-liter replacement stainless steel container for HGBSS and HGCSS
SS810	2-liter container with lid, stainless steel
SS715	1-liter container with lid, stainless steel
CAC21	1.4 liter container with lid, polycarbonate
CAC59	2-liter container with lid, polycarbonate
AD2	2-liter adapter

- Mid-size blender convenience
- Process up to two liters of free-flowing material with high liquid content
- Powerful, 2-speed, 1-HP motor
- Emulsify, homogenize, grind, shred, disintegrate and mix a wide spectrum of materials in seconds



SS810

Two Liter Container

- Stainless steel container and handle
- One-piece stainless steel lid and knob
- Fits all two-liter Waring laboratory blenders



SS715

One Liter Container

- Stainless steel container complete with polystyrene lid and blending assembly for HGBSS and HGCSS



CAC21

1.4-Liter Container

- Polycarbonate container complete with lid and blending assembly for HGBSS, HGCSS and HPB305



CAC59

Two-Liter Container

- Polycarbonate container complete with lid and blending assembly for HGBSS and HGCSS



AD2

Two-Liter Adapter

- Allows use of one-liter and smaller containers on two-liter motor units

1-800-492-7464

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1-Liter Laboratory Blender and Accessories

700S/700G

- 1 liter/1.2 liters capacity
- Switch Settings: One speed
- Epoxy-coated motor housing
- Stainless steel container with handle and two-piece vinyl and styrene lid 700S
- Heat-resistant glass container with handle and two-piece vinyl and styrene lid 700G
- Overall Height: 14/16 inches
- Weight: 8-10 lbs.
- UL Listed
- Available in 240 volt



7009L/7009G

- 1 liter/1.2 liters capacity
- Switch Settings: Same as 7011HS/7011HG except features jack to accept digital tachometer
- Epoxy-coated motor housing
- Stainless steel container with handle and two-piece vinyl and styrene lid 7009L
- Heat-resistant glass container with handle and two-piece vinyl and styrene lid 7009G
- Overall Height: 15-16 inches
- Weight: 11-13 lbs.
- UL Listed
- Available in 240 volt



Technical Data

Catalog Number	Container Replacement	Rated Amps	Rated Volts	Peak HP	Motor and Blade	No-load RPM
700S	S.S. CAC33	3.6	120 volts 50/60 Hz	.40	Standard	High 22,000
700G	Glass CAC32	3.6	120 volts 50/60 Hz	.40	Standard	High 22,000
7009L	S.S. CAC25	7.0	120 volts 50/60 Hz	.70	Heavy Duty	High 24,500 Low 21,500
7009G	Glass CAC48	7.0	120 volts 50/60 Hz	.70	Heavy Duty	High 24,500 Low 21,500
7012S	S.S. CAC25	7.0	120 volts 50/60 Hz	.70	Heavy Duty	4-16,900 3-14,200 2-9,500 1-6,800
7012G	Glass CAC48	7.0	120 volts 50/60 Hz	.70	Heavy Duty	Speed: 7-25,000 6-22,300 5-19,600
7011S	S.S. CAC33	3.6	120 volts 50/60 Hz	.40	Standard	High 22,000 Low 18,000
7011G	Glass CAC32	3.6	120 volts 50/60 Hz	.40	Standard	High 22,000 Low 18,000
7011HS*	S.S. CAC25	7.0	120 volts 50/60 Hz	.70	Heavy Duty	High 24,500 Low 21,500
7011HG*	Glass CAC48	7.0	120 volts 50/60 Hz	.70	Heavy Duty	High 24,500 Low 21,500

7012S/7012G

- 1 liter/1.2 liters
- Seven-speed push-button blender with solid state SCR control
- Epoxy-coated motor housing
- Stainless steel container with handle and two-piece vinyl and styrene lid 7012S
- Heat-resistant glass container with handle and two-piece vinyl and styrene lid 7012G
- Overall Height: 15/16 inches
- Weight: 11-13 lbs.
- UL Listed
- Available in 240 volt



7011S/7011G 7011HS*/7011HG*

- 1 liter/1.2 liters capacity
- Two speeds
- Epoxy-coated motor housing
- Stainless steel container with handle and two-piece vinyl and styrene lid 7011S
- Heat-resistant glass container with handle and two-piece vinyl and styrene lid 7011G
- Overall Height: 15/16 inches
- Weight: 11-13 lbs.
- UL Listed
- Available in 240 volt



1-Liter Laboratory Blender and Accessories

7010S/7010G 7010HS*/7010HG*

- 1 liter/1.2 liters capacity
- Two-speed, 3-minute timer
- Epoxy-coated motor housing
- Stainless steel container with handle and two-piece vinyl and styrene lid 7010S
- Heat-resistant glass container with handle and two-piece vinyl and styrene lid 7010G
- Overall Height: 15-16 inches
- Weight: 11-13 lbs.
- UL Listed
- Available in 240 volt



LB10S/LB10G

- 1 liter/1.2 liters capacity
- Variable speed* 1000-22,000 no load RPM, for mixing, stirring, blending or homogenizing
- Epoxy-coated motor housing
- Stainless steel container with handle and two-piece vinyl and styrene lid LB10S
- Heat-resistant glass container with handle and two-piece vinyl and styrene lid LB10G
- Overall Height: 15-16 inches
- Weight: 11-13 lbs.
- Available in 240 volt



*When using external tach device

Technical Data

Catalog Number	Container Replacement	Rated Amps	Rated Volts	Peak HP	Motor and Blade	No-load RPM
7010S	S.S. CAC33	3.6	120 volts 50/60 Hz	.40	Standard	High 22,000 Low 18,000
7010G	Glass CAC32	3.6	120 volts 50/60 Hz	.40	Standard	High 22,000 Low 18,000
7010HS*	S.S. CAC25	7.0	120 volts 50/60 Hz	.70	Heavy Duty	High 24,500 Low 21,500
7010HG*	Glass CAC48	7.0	120 volts 50/60 Hz	.70	Heavy Duty	High 24,500 Low 21,500
LB10S	S.S. CAC33	3.0	120 volts 60 Hz	.40	Standard	High 24,500 Low 21,500
LB10G	Glass CAC32	3.0	120 volts 60 Hz	.40	Standard	High 24,500 Low 21,500



MC1-MC2-MC3 Mini Containers

- Stainless steel containers and base for processing small quantities
- Stainless steel base
- Standard blending assembly with stainless steel blade
- Snap-fit lid
- Three sizes: MC1 (12-37 ml), MC2 (37-110 ml), and MC3 (50-250 ml)



MCC3

- Cool-Jacketed Stainless Steel Mini Container
- MCC3 (50-250 ml)



CAC24

- Digital Tachometer
- For use with 7009 blender
- 15 mm liquid crystal display
- Powered by 3.0 VDC lithium battery, will operate for 7 years
- Three-foot cable



CAC64

- 500 ml Container
- 500 ml polypropylene container
- Screw cap and standard blending assembly

1-800-492-7464

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Hazardous Location Blenders and Accessories

The Standard in Safety. Depend on these Waring blenders to provide optimum safety and reliable performance when working with heat and/or highly volatile substances.

707SB 1.2-Liter Explosion Resistant Blender

- 1.2 liters capacity
- Two speed
- Zinc die-cast powder coated base
- Heat-resistant glass container with handle and two-piece vinyl and styrene lid
- Overall Height: 16 inches
- Weight: 13 lbs.
- Available in 240 volt



BHL 120 Hazardous Location Blender Motor

- 1 liter capacity
- Two-speed switch available as an accessory - BHLSW
- Natural finished aluminum and steel housing
- One-liter stainless steel container with stainless lid available as an accessory - HL515
- Cord not included. Must be hard-wired via explosion-proof conduit
- Overall Height: 14-3/4 inches
- Weight: 19 lbs.
- UL Listed for use in Class 1, Group D hazardous locations
- Available in 230 volt



The 1.2 Liter Explosion Resistant Blender 707SB requires external compressed air with delivery of minimum 10SCFM discharging of 10PSIG. Not UL Listed.

The Hazardous Location Blender BHL 120. Heat is generated within motor housings during normal operation. This blender is designed to prevent the electrical arcing and generated heat from igniting ambient atmospheres. UL Listed.

Technical Data

Catalog Number	Container Replacement	Rated Amps	Rated Volts	Peak HP	Motor and Blade	No-load RPM
707SB	CAC32 Glass	3.6	120 volts 50/60 Hz	.70	Two-Speed	High 22,000, Low 18,000
BHL 120	HL515 1-liter S.S.	8.0	115 volts 50/60 Hz	.70	Single Phase	18,500



- HL515**
One-Liter Container
- Stainless steel container and lid with special teflon seals and blending assembly for BHL120 and BHL240



- CAC32**
One-Liter Container
- Glass container with lid for use with 707SB



- SS515**
One Liter Stainless Steel Container
- One-liter stainless steel container and one-piece stainless steel lid
 - Standard blending assembly with teflon gaskets
 - Catalog SS515 fits all one-liter Waring laboratory blenders

Specialty Lab Equipment: High-Power Blending



Technical Data

Capacity:	1.4 liters
Switch Settings:	Off - Lo - Hi
RPM:	27,000 Hi, 22,000 Lo
Rating:	120 VAC, 50/60Hz, 7.5 Amps
Base:	Brushed stainless steel housing epoxy-powdered coating
Container:	Clear polycarbonate
Cord:	6 feet
Overall Height:	16 1/4 inches
Weight:	17.4 lbs.
Listings:	UL, NSF
HPB305	BlendFast™ Hi-Power Blender
CAC21	1.4 liter polycarbonate container with lid
CAT1	Single Timer
CAT2	Double Timer

The Standard in Performance. This Waring high speed blender is engineered with higher RPMs for faster, thorough blending. The Standard in Dependability.

HPB305 BlendFast™ Hi-Power Blender

- Two speeds: Hi 27,000 RPM, Lo 22,000 RPM
- 1-HP Motor
- Brushed stainless housing
- 1.4-liter clear polycarbonate container
- Trademark blade design and bearing assembly



Waring timers feature automatic shutoff and split-second timing. Each precisely monitors run time, while freeing operator for other tasks.

CAT1 Single Timer

- Monitors run time for a single appliance
- Precise 1-second to 60-minute timing
- Pulse feature for split-second operation
- Automatic shutoff
- Compact design/wall-mount option
- Dimension: 4L x 6W x 3-1/2H
- 15 amps, 2.5 lbs., 6 ft. cord
- UL; CUL Listed

CAT2 Double Timer

- Monitors run time for two appliances at once
- Precise 1-second to 60-min. timing
- Pulse feature for split second operation
- Automatic shutoff
- Compact design/wall-mount option
- Dimension: 7-3/4L x 6W x 3-1/2H
- 7.5 amps per timer, 3 lbs., 6 ft. cord
- UL; CUL Listed

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Specialty Lab Equipment - Batch Bowl Processors



WARING
COMMERCIAL
by
Cuisinart

- Clear, durable Lexan® work bowl holds 3.7 liters wet, 5.7 liters dry ingredients.
- High Speed, On, Off and Pulse controls ensure precise operation.
- Patented blade design. 2-piece "S" blade with patented mid-blade minimizes processing time. (CAF31)
- Two-handled batch bowl. Provides safe grip and balance when lifting, pouring, or carrying.
- Safety interlock design prevents machine from operating unless correctly assembled.
- Overload safety reset for safe controlled restarts.
- Includes 1/8" slicing disc (CAF12) and 3/16" shredding disc (CAF20)

FP2200
Batch Bowl & Continuous
Feed Processor



Technical Data

Capacity:	4 quarts (3.7 liters) of wet ingredients 6 quarts (5.7 liters) of dry ingredients
	Volume processing with continuous feed Attachment - up to 1,400 lbs. per hour
Switch Settings:	On - Off - Pulse
RPM:	1795 - 3/4 HP
Rating:	120 VAC 60Hz, 12 Amps
Base:	Metal, epoxy-polyester powder coated
Container:	Durable Lexan® polycarbonate bowl and Continuous Feed Attachment (scratch and break resistant)
Bearing:	High performance ball bearings
Cord:	7' Cord/NEMA 5-15 P plug
Overall Height:	26.5 inches
Weight:	61 lbs.
Listings:	UL, NSF, C-UL

Added Value!



CAF18
1/2" Slicing Disc

CAF24
1/2" Dicing Disc

CAF25
3/4" Dicing Disc

Optional Accessories for FP2200

CAF10 1/32" slicing disc	CAF18 1/2" slicing disc	CAF29 3/8" french fry disc
CAF11 3/32" slicing disc	CAF19 1/8" shredding disc	CAF31 2-piece "S" cutting blade (included)
CAF12 1/8" slicing disc (included)	CAF20 3/16" shredding disc (included)	CAF32 Continuous Feed Bowl Assembly Kit
CAF13 5/32" slicing disc	CAF21 3/8" shredding disc	CAF33 Batch Bowl Assembly Kit For Continuous Feed Models Only
CAF14 3/16" slicing disc	CAF22 5/64" grating disc	
CAF15 1/4" slicing disc	CAF26 3/32" julienne disc	CAF24 1/2" dicing grid, comes with CAF18
CAF16 5/16" slicing disc	CAF27 1/8" julienne disc	CAF25 3/4" dicing grid, comes with CAF18
CAF17 3/8" slicing disc	CAF28 3/16" julienne disc	

*Lexan® is a registered trademark owned by the General Electric Company.

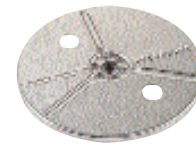
Specialty Lab Equipment - Batch Bowl Processors

An Industry First. Engineered specifically for the professional kitchen, this chopper/grinder from Waring® by Cuisinart® has dual capabilities. Separate bowl assemblies provide all the right tools for the right job.

WCG75 Pro Prep® Chopper Grinder



French Fry Cutter
FPC90



Fine Shredder
FPC91

FPC99 Laboratory Micronizer

- Chopping assembly: .7-liter work bowl, two-blade hub, cover with 2 protected openings for adding ingredients while processing
- Grinding assembly: .7-liter work bowl, 3-blade hub, sealed cover with handle
- High-speed 2-pole induction motor
- Bowl assemblies stack for storage

- 1/2 HP thermally protected direct drive motor
- Easy-to-clean flush-faced switch panel
- Complete with cutting blade, funnel and pusher
- Dual-mode operation: Continuous and Pulse
- 2.4-liter clear polycarbonate bowl and cover
- Stainless steel drive shaft 1795 RPM (no load)
- 120 volt, 60 Hz, 4.2 Amps UL listed

Technical Data

Capacity:	.7-liter Work Bowl for chopping assembly .7-liter Work Bowl for grinding assembly
Switch Settings:	Off - On - Pulse
Rating:	120 VAC, 60 Hz, 3.5 Amps
RPM:	1795
Base:	Polycarbonate
Container:	2 Polycarbonate see-through work bowls
Cord:	5 feet
Overall Height:	10 inches
Weight:	11.5 lbs.
Listing:	UL

Technical Data

Capacity:	2.4 liters
Switch Settings:	Off - On - Pulse
RPM:	1795 (no load)
Rating:	120 VAC 60 Hz, 4.3 Amps; Available in 220/240 VAC 60 Hz
Housing:	Polycarbonate
Container:	Clear polycarbonate
Cord:	6 feet
Overall Height:	15.25 inches
Weight:	21 lbs.
Listings:	UL; CUL

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Specialty Lab Equipment

- Two-speed: High 20,000 RPM, Low 15,000 RPM
- Commercial motor/Durable housing/Shock resistant rubber mounts
- Lifetime sealed ball bearing
- Easy-to-clean removable front panel
- Optional 28-ounce stainless steel container (CAC20)
- 120 volt, 50/60 Hz, 1.0 Amps

Technical Data

Switch Settings:	Off - Hi - Lo
Rating:	120 VAC 50/60 Hz; Available in 220/240 VAC 50/60 Hz
Housing:	Aluminum, die-cast powder coated
Container:	28 oz. stainless steel malt cup (not included)
Bearing:	Sealed ball bearing, lubed for life
Overall Height:	19 inches
Weight:	11.6 lbs.
Listings	UL, NSF, CSA (DMX25)

DMC20
Lab Mixer

CAC20



Specialty Containers and Accessories



SS110 Pulverizer

- Stainless steel container
- Stainless steel base
- Snap tight PVC lid
- 75 gram dry capacity
- Reduces 10 grams of tablets to a dust in 10 seconds at 20,000 RPM
- Fits all 1-liter Waring® laboratory blenders



SS510S One-Liter Sealed Cover Container

- Stainless steel container with o-ring type gasket for positive sealing of cover
- Cover has stainless steel plug for sampling
- Unit may be autoclaved
- Fits all 1-liter Waring® laboratory blenders



SS610 One-Liter S.S. Container

- One liter stainless steel container same as CAC33 except has one-piece stainless steel lid and knob
- Fits all 1-liter Waring® laboratory blenders



SS510C One-Liter Cool Base Container

- One liter stainless steel container
- Unit is complete with one-piece stainless steel lid
- Fits all 1-liter Waring® laboratory blenders



CAT2 Double Timer

- Monitors run time for two appliances at once
- Precise 1-second to 60-min. timing
- Pulse feature for split-second operation
- Automatic shutoff
- Compact design/wall-mount option
- Dimension: 7-3/4L x 6W x 3-1/2H
- 7.5 amps per timer, 3 lbs., 6-ft. cord
- UL; CUL Listed



CAT1 Single Timer

- Monitors run time for a single appliance
- Precise 1-second to 60-minute timing
- Pulse feature for split second operation
- Automatic shutoff
- Compact design/wall-mount option
- Dimension: 4L x 6W x 3-1/2H
- 15 amps, 2.5 lbs., 6-ft. cord
- UL; CUL Listed



SS510T/SS610T

- 1 Liter Temperature Control Coil
- Stainless steel coil for use in 1 liter stainless steel containers
- Water circulated through helical coil cools media being processed
- SS510T fits SS515 and SS510C
- SS610T fits SS610 and standard 1 liter stainless steel containers with handles



SS510F/SS610F One-Liter Foam Arrestor

- Adjustable baffle used to reduce foam in media
- SS510F fits SS515 and SS510C
- SS610F fits SS610 and standard 1-liter stainless steel containers with handles



LA1 Variable Speed Control

- Infinite speed control 1,000 RPMs to max
- For use with blenders up to 8 Amps
- On/Off switch
- Speed adjustment control
- 3-wire grounded cord
- 120 volts, AC, 8 Amps



AS1 One-Liter Aseptic Dispersion Container

- Stainless steel container with o-ring type gasket for positive sealing of cover, standpipe blending assembly and biologically inert teflon-based bearings
- Inlet and outlet fittings for continuous flow operations
- Jacketed base allows circulation of water for cooling during operation



SS515 One-Liter S.S. Container

- One-liter stainless steel container and one-piece stainless steel lid
- Standard blending assembly with teflon gaskets
- Fits all 1-liter Waring® laboratory blenders



SS115 Dry Blending Container

- Stainless steel container and one-piece stainless steel lid and knob
- Stainless steel base
- Unique blade for dry homogenizing and pulverizing
- 500 ml approximate working capacity
- Some substances require use of adapter and larger motor units (example: soil processing requires use of 4-liter base and AD1 adapter)

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