



# International Catalog



# Four-Liter Laboratory Blenders and Accessories



## Four Liter Laboratory Blender

- Heavy-duty 3.75 HP motor
- Stainless steel 4-liter container with 2 handles for increased safety and easier handling
- Low (15,800 RPM), Med (18,000 RPM), Hi/Pulse (20,800 RPM)
- Mechanical controls:  
24CB9EC – 230 VAC, 50 Hz, CE  
24CB9ET (with mechanical timer) – 230 VAC, 50 Hz, CE  
24CB10C – 230 VAC, 50/60 Hz, Non-CE
- Membrane keypad:  
CB15L – 230 VAC, 50/60 Hz, Non-CE
- Variable speed (1,700 – 18,000 RPM)  
CB15VE – 230 VAC, 50 Hz, CE (pictured above)



### 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



### 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 & gasket



### 2610C Four-Liter Cool Base Container

- 4-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



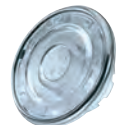
### CAC72 Four-Liter Container

- 4-liter stainless steel container with two handles and polycarbonate lid



### CAC70 Four-Liter Container

- 4-liter stainless steel container with two handles and stainless lid



### CBL10 Hot Blending Lid

- Polycarbonate Hot Blending Lid for 4-liter blender



### AD1 Four-Liter Adapter

- Allows use of 1-liter and smaller containers on 4-liter motor units (see page 11 for containers)

### 501697

- Blade assembly with carbon bearing and neoprene seals for 4-liter blenders (not shown)

Please note that container assemblies are not autoclavable in normal configuration, as washers and seals will eventually break down. Two-piece lids are also not autoclavable.





# Hi-Powered Laboratory Blenders and Accessories

LABORATORY

## Hi-Power Blenders MX1000XTXEE

- Heavy-duty 3½ peak HP motor
- 32,000 RPM bare motor speed, 1500 watts
- Simple High, Low, Off and Pulse paddle switches
- One-piece dishwasher-safe removable jar pad
- 2-liter BPA-free copolyester container
- 230 VAC, 50 Hz, 6.5 amps
- CE, RoHS
- Also available in 60 Hz

## Hi-Power Blenders with Timer MX1100XTXEE

- Heavy-duty 3½ peak HP motor
- 32,000 RPM bare motor speed, 1500 watts
- Easy-to-clean electronic membrane keypad with simple On/Off, High, Low, Stop and Pulse controls
- 30-second electronic countdown timer
- One-piece dishwasher-safe removable jar pad
- 2-liter BPA-free copolyester container
- 230 VAC, 50 Hz, 6.5 amps
- CE, RoHS
- Also available in 60 Hz



MX1000XTXEE



MX1100XTXEE



## Large Sound Enclosure SE1000

- Retro-fits all blenders in Waring Commercial Xtreme Series — Half-Gallon Jars



## Stainless Steel Containers CAC90I

- 2-liter stainless steel container

## Two-Liter Laboratory Blenders and Accessories



### Two-Liter Laboratory Blender

- Heavy-duty 1.5 HP motor
- 2 speeds – Lo (19,000 RPM), Hi (23,000 RPM)
- Stainless steel 2-liter container:  
HGB550 – 230 VAC, 50/60 Hz, Non-CE (pictured above)  
HGB55E – 230 VAC, 50 Hz, CE
- Polycarbonate 2-liter container:  
HGB500 – 230 VAC, 50/60 Hz, Non-CE  
HGB50E – 230 VAC, 50 Hz, CE



#### SS810 Two-Liter S.S. Container

- 2-liter stainless steel container and handle
- One-piece stainless steel lid & knob
- Fits all 2-liter Waring laboratory blenders



#### CAC31 Two-Liter S.S. Container

- 2-liter stainless steel container and handle
- Two-piece lid
- Fits all 2-liter Waring laboratory blenders



#### CAC59 Two-Liter Container

- Polycarbonate container complete with lid and blending assembly



#### CAC21 1.4-Liter Container

- Polycarbonate container complete with lid and blending assembly



#### SS715 One-Liter Stainless Steel Container

- Stainless steel container complete with polystyrene lid and blending assembly



#### CAC69 Clutch Repair Kit

- Clutch repair kit for 2-liter blenders – 2 pack



#### CAC15 Hot Blending Lid

- Hot blending lid for 2-liter stainless steel blender containers only



#### AD2 Two-Liter Adapter

- Allows use of 1-liter and smaller containers on 2-liter motor units (see page 11 for containers)

Please note that container assemblies are not autoclavable in normal configuration, as washers and seals will eventually break down. Two-piece lids are also not autoclavable.



# One-Liter Laboratory Blenders and Accessories

LABORATORY



## 800S/800G

**Capacity:** 1 liter/1.2 liters

**Switch Settings:** one speed

**Base:** Die cast epoxy coated base

**Container:** Stainless steel with handle and two-piece vinyl and styrene lid – 800S. Heat-resistant glass with handle and two-piece vinyl and styrene lid – 800G.

**Overall height:** 14/16 inches (35.5/40.5 cm)



## 8010S/8010G

**Capacity:** 1 liter/1.2 liters

**Switch Settings:** two speed, 3 minute mechanical timer

**Base:** Die cast epoxy coated base

**Container:** Stainless steel with handle and two-piece vinyl and styrene lid – 8010S. Heat-resistant glass with handle and two-piece vinyl and styrene lid – 8010G.

**Overall height:** 15/16 inches (38/40.5 cm)



## 8011S/8011G

**Capacity:** 1 liter/1.2 liters

**Switch Settings:** two speed

**Base:** Die cast epoxy coated base

**Container:** Stainless steel with handle and two-piece vinyl and styrene lid – 8011S. Heat-resistant glass with handle and two-piece vinyl and styrene lid – 8011G.

**Overall height:** 15/16 inches (38/40.5 cm)



## 8009L

**Capacity:** 1 liter/1.2 liters

**Switch Settings:** two speed; features jack to accept digital tachometer

**Base:** Die cast epoxy coated base

**Container:** Stainless steel with handle and two-piece vinyl and styrene lid.

**Overall height:** 16 inches (40.5 cm)

| Catalog Number | Container Replacement | Rated Amps | Rated Volts         | Peak HP | Motor and Blade | No-Load RPM             | CE Certified |
|----------------|-----------------------|------------|---------------------|---------|-----------------|-------------------------|--------------|
| 800S           | S.S. CAC33            | 1.8        | 230 volts, 50/60 Hz | .40     | Standard        | High 22,000             | No           |
| 800G           | S.S. CAC32            | 1.8        | 230 volts, 50/60 Hz | .40     | Standard        | High 22,000             | No           |
| 800ES          | S.S. CAC33            | 1.8        | 230 volts, 50/60 Hz | .40     | Standard        | High 22,000             | Yes          |
| 800EG          | Glass CAC32           | 1.8        | 230 volts, 50/60 Hz | .40     | Standard        | High 22,000             | Yes          |
| 800BU          | —                     | 1.8        | 230 volts, 50/60 Hz | .40     | Standard        | High 22,000             | No           |
| 800EBU         | —                     | 1.8        | 230 volts, 50/60 Hz | .40     | Standard        | High 22,000             | Yes          |
| 8010S          | S.S. CAC33            | 1.8        | 230 volts, 50/60 Hz | .40     | Standard        | High 22,000, Low 18,000 | No           |
| 8010G          | Glass CAC32           | 1.8        | 230 volts, 50/60 Hz | .40     | Standard        | High 22,000, Low 18,000 | No           |
| 8010ES         | S.S. CAC33            | 1.8        | 230 volts, 50/60 Hz | .40     | Standard        | High 22,000, Low 18,000 | Yes          |
| 8010EG         | Glass CAC32           | 1.8        | 230 volts, 50/60 Hz | .40     | Standard        | High 22,000, Low 18,000 | Yes          |
| 8011S          | S.S. CAC33            | 1.8        | 230 volts, 50/60 Hz | .40     | Standard        | High 22,000, Low 18,000 | No           |
| 8011G          | Glass CAC32           | 1.8        | 230 volts, 50/60 Hz | .40     | Standard        | High 22,000, Low 18,000 | No           |
| 8011ES         | S.S. CAC33            | 1.8        | 230 volts, 50/60 Hz | .40     | Standard        | High 22,000, Low 18,000 | Yes          |
| 8011EG         | Glass CAC32           | 1.8        | 230 volts, 50/60 Hz | .40     | Standard        | High 22,000, Low 18,000 | Yes          |
| 8009L          | S.S. CAC33            | 3.5        | 230 volts, 50/60 Hz | .70     | Heavy Duty      | High 22,000, Low 18,000 | No           |



# One-Liter Laboratory Blenders and Accessories (cont.)



## Variable Speed Lab Blender LB20EG

**Capacity:** 1 liter/1.2 liters

**Switch Settings:** Variable speed 0 – 20,000 RPM, for mixing, stirring, blending, or homogenizing

**Base:** Die-cast epoxy coated base

**Container:**

Stainless steel with handle and two-piece vinyl and styrene lid – LB20ES.

Heat-resistant glass with handle and two-piece vinyl and styrene lid – LB20EG (pictured).



**CAC32  
1.2-Liter Glass Container**

Heat-resistant glass with handle and two-piece vinyl styrene lid



**CAC33  
One-Liter Stainless Steel Container**

Stainless steel container with handle, two-piece vinyl and styrene lid, and blending assembly



**CAC19  
1.4-Liter Container**

Polycarbonate container complete with lid and blending assembly



**CAC64  
500 ml Container**

500 ml polypropylene container, screw cap and standard blending assembly

### Specialty Blade Assemblies for 1-Liter/1.2-Liter Blenders

**003549**

Blade Assembly with Carbon Bearing and Teflon Washers

**501088**

Blade Assembly with Teflon Washers

Please note that container assemblies are not autoclavable in normal configuration, as washers and seals will eventually break down. Two-piece lids are also not autoclavable.

See page 11 for specialty containers and accessories for 1-liter/1.2-liter blenders.

| Catalog Number | Container Replacement | Rated Amps | Rated Volts        | Peak HP | Motor and Blade | RPM                       | CE Certified |
|----------------|-----------------------|------------|--------------------|---------|-----------------|---------------------------|--------------|
| LB20ES         | S.S. CAC33            | 1.5        | 230 volts 50/60 Hz | .40     | Standard        | Variable Speed 0 – 20,000 | Yes          |
| LB20EG         | Glass CAC32           | 1.5        | 230 volts 50/60 Hz | .40     | Standard        | Variable Speed 0 – 20,000 | Yes          |

# Hazardous Location Blender and Accessories

## The Standard in Safety

Depend on this Waring blender to provide optimum safety and reliable performance when working with heat and/ or highly volatile substances.

## The Hazardous Location Blender (BHL240)

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



### HL515 One-Liter Stainless Steel Container

- Stainless steel container and lid with special teflon seals and blending assembly for BHL240.
- Please note that the BHL240 will lose Class D Explosion Resistant Rating if not used with this container.

| Catalog No. | Description                                    |
|-------------|------------------------------------------------|
| HL515       | 1-liter container, stainless steel/ for BHL240 |
| BHLSW       | Two-speed switch for BHL240                    |

Please note that container assemblies are not autoclavable in normal configuration, as washers and seals will eventually break down. Two-piece lids are also not autoclavable.

## Hazardous Location Blender Motor BHL240

**Capacity:** 1 liter

**Switch Settings:** Two-speed switch available as an accessory – BHLSW

**Container:** 1-liter stainless steel with stainless lid available separately – HL515

**Cord:** not included. Must be hard-wired via explosion-proof conduit.

**Overall height:** 14 3/4 inches (37.5 cm)

**Weight:** 19 lbs. (8.62k)

UL Listed for use in Class 1, Group D hazardous locations



| Catalog Number | Container Replacement | Rated Amps | Rated Volts        | Peak HP | Motor and Blade | No-Load RPM | CE Certified |
|----------------|-----------------------|------------|--------------------|---------|-----------------|-------------|--------------|
| BHL240         | HL515, 1 liter S.S.   | 4.0        | 230 volts 50/60 Hz | .70     | Single Phase    | High 18,500 | No           |

## Specialty Laboratory Equipment



### Lab Mixer DMX20M/DME20E

- Two speeds: 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
- Two agitators included: butterfly agitator and solid agitator
- 28-ounce (0.83-liter) stainless steel container included
- Switch settings: Off-On-Pulse
- Rating: 230 volts – 50/60Hz - .5 Amps
- UL, NSF (DMX20M); CE (DM20M)

**CAC08  
Butterfly  
Agitator**  
Stainless steel agitator



**CAC09  
Solid Agitator  
with Screw**  
Stainless steel agitator



**CAC20  
Mixer Container**  
Stainless steel container  
20-ounce/ 0.83-liter capacity



# Immersion Blenders

## WSB33E Light Duty Immersion Blender

- 7" fixed shaft, 11.4-liter capacity
- 2-speed fingertip control: Off-Hi-Lo
- High-efficiency motor
- All-purpose stainless steel blade
- 6-foot (183 cm) cord with 2 prong plug
- 230 volts, 50 Hz, 0.4 amps
- CE, RoHS



## Medium-Duty Quik Stik Plus WSB40E

- ½ HP, 2-speed heavy-duty motor
- 25.5-cm fixed shaft
- Rubberized comfort grip
- All-purpose stainless steel blade
- 23-liter capacity
- 230 volts, 50 Hz, 1.5 amps
- CE, RoHS



## Heavy-Duty Immersion Blenders with Removable Shafts

- 1 HP heavy duty motor – 18,000 RPM on Hi
- Variable speed motor – 9 settings
- Rubberized comfort grip and second handle for safe and controlled operation
- Continuous ON feature
- All-purpose stainless steel blade
- Completely sealed stainless steel shaft is easily removable and dishwasher-safe
- 12-foot (365 cm) cord with 2 prong plug
- 230 volts, 50 Hz, 2.8 amps
- CE, RoHS

**Removable Stainless Steel Shafts  
are interchangeable for WSB Series  
Heavy Duty Immersion Blenders**



WSB50E

WSB55E

WSB60E

WSB65E

WSB70E

## Interchangeable Removable Stainless Steel Shafts for WSB Series Heavy Duty Immersion Blenders

### Catalog Number Description

|                |                                                   |
|----------------|---------------------------------------------------|
| <b>WSB50ST</b> | 12"/30.5 cm removable shaft, 37.9 liter capacity  |
| <b>WSB55ST</b> | 14"/35.6 cm removable shaft, 56.8 liter capacity  |
| <b>WSB60ST</b> | 16"/40.6 cm removable shaft, 94.6 liter capacity  |
| <b>WSB65ST</b> | 18"/45.7 cm removable shaft, 132.5 liter capacity |
| <b>WSB70ST</b> | 21"/53.4 cm removable shaft, 189.3 liter capacity |



# Specialty Containers and Accessories



- SS110  
Pulverizer Stainless Steel Container**
- Stainless steel base
  - Snap-tight medical grade Plastisol lid
  - 75 gram dry capacity
  - Reduces 10 grains of tablets to dust in 10 seconds at 20,000 RPM
  - Fits all 1-liter Waring laboratory blenders



- S115  
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 large motor units (example: soil processing requires use of 4-liter base and AD1 adapter)



- 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
  - Fits all 1-liter Waring laboratory blenders



- SS515  
One-Liter S.S. Container**
- 1-liter stainless steel container and one-piece stainless steel lid.
  - Standard blending assembly with teflon gaskets
  - Fits all 1-liter Waring laboratory blenders



- SS610  
One-Liter S.S. Container**
- 1-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**
- 1-liter stainless steel container
  - Unit is complete with one-piece stainless steel lid
  - Fits all 1-liter Waring laboratory blenders



- 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
  - Comes complete with cover and gasket



- 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
  - Comes complete with cover and gasket
  - SS510T fits SS515 and SS510C
  - SS610T fits SS610 and standard 1-liter stainless steel containers with handles



- MC1-MC2-MC3  
Mini Containers**
- Stainless steel containers and base for processing small quantities
  - Standard blending assembly with stainless steel blade
  - Snap-tight medical grade Plastisol lid
  - Three sizes: MC1 (12-37ml), MC2 (37 – 110 ml), and MC3 (50 – 250 ml)

## Blade Assemblies with Teflon Washers for Mini Containers

- 501699** – Blade assembly for MC1  
**501700** – Blade assembly for MC2  
**501701** – Blade assembly for MC3

Please note that container assemblies are not autoclavable, in normal configuration, as washers and seals will eventually break down. Two-piece lids are also not autoclavable.