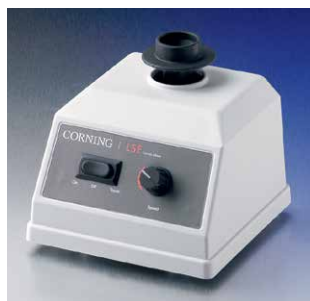


Agitation Equipment

Corning® LSE™ Vortex Mixer



The Corning LSE variable speed vortex mixer provides fast, efficient mixing with minimal vibration. The unit features a powerful, counter-balanced motor drive, and continuous or “touch” mix modes. A range of accessories are available for all common sample tubes and containers.

- ▶ Variable speed for gentle to vigorous mixing
- ▶ Optimized counter balance for minimal vibration
- ▶ Lightweight and portable
- ▶ Includes cup head for all standard microtubes and centrifuge tubes
- ▶ Mix a variety of tubes and plates with optional accessory heads
- ▶ Touch and continuous mix modes



Accessory heads for Corning LSE vortex mixer

Cat. No.	Description	Voltage	Plug Type	Speed (rpm)	Weight	Dimensions (L x W x D)	Qty/Cs
6775	LSE vortex mixer	120V, 50/60Hz	US	0 - 3,400	4.8 lbs. (2.2 kg)	5.5 x 6.3 x 5.1 in. (14 x 16 x 13 cm)	1
6776	LSE vortex mixer	230V, 50/60Hz	EU	0 - 2,850	4.8 lbs. (2.2 kg)	5.5 x 6.3 x 5.1 in. (14 x 16 x 13 cm)	1
6777	LSE vortex mixer	230V, 50/60Hz	UK	0 - 2,850	4.8 lbs. (2.2 kg)	5.5 x 6.3 x 5.1 in. (14 x 16 x 13 cm)	1
6778	LSE vortex mixer	100V, 50/60Hz	JP	0 - 2,850	4.8 lbs. (2.2 kg)	5.5 x 6.3 x 5.1 in. (14 x 16 x 13 cm)	1

Accessories

Cat. No.	Description	Qty/Cs
480100	Optional head, 3 inch, for processing larger numbers of tubes	1
480101	Optional head for 24 x 1.5/2.0 mL tubes, 24 x 0.5 mL tubes, and 32 x 0.2 mL tubes (or 4 tube strips)	1
480102	Optional head for 1 microplate, or 64 x 0.2 mL tubes, or 8 x 0.2 mL tube strips	1
480103	Optional head for 8 x 15 mL and 8 x 12/13 mm diameter tubes	1
480104	Optional head attachment for 6 x 50 mL tubes	1
480105	Optional head for 12 x 1.5/2.0 mL tubes, held horizontally	1
480106	Optional head for 4 x 15 mL tubes, held horizontally	1
480107	Optional head for 2 x 50 mL tubes, held horizontally	1

Corning LSE Digital Microplate Shaker



The Corning LSE digital microplate shaker features digital control of shaking speed and run time. A single control knob is used to set parameters, and values are shown on a large 3-digit display. A sturdy base encloses the motor for quiet, vibration-free operation.

The included stainless steel platform accommodates up to 4 microplates (standard or deep well), and the shaker is safe for use in temperature controlled environments from 4°C to 65°C.

- ▶ Large capacity – process up to 4 microplates
- ▶ 3 mm orbit for resuspending, homogenizing, or vortexing
- ▶ Large digital display with single-knob control of speed time
- ▶ Suitable for cold room or incubator use

Cat. No.	Description	Voltage	Plug Type	Speed (rpm)	Weight	Dimensions (L x W x D)	Qty/Cs
6780-4	LSE digital microplate shaker	120V, 50/60Hz	US	100 - 1,400	9.5 lbs. (4.3 kg)	6.6 x 10.98 x 6 in. (16.8 x 27.9 x 15.3 cm)	1
6781-4	LSE digital microplate shaker	230V, 50/60Hz	EU	100 - 1,200	9.5 lbs. (4.3 kg)	6.6 x 10.98 x 6 in. (16.8 x 27.9 x 15.3 cm)	1
6782-4	LSE digital microplate shaker	230V, 50/60Hz	UK	100 - 1,200	9.5 lbs. (4.3 kg)	6.6 x 10.98 x 6 in. (16.8 x 27.9 x 15.3 cm)	1

Corning® LSE™ Low Speed Orbital Shaker



The Corning LSE low speed orbital shaker includes a 30 x 30 cm platform and is ideal for staining and destaining gels, washing blots and general mixing applications. Speed can be set from 3 to 60 rpm and the timer can be set for up to 2 hours or for continuous operation.

- ▶ Ideal for staining and washing of fragile gels
- ▶ Gentle motion prevents foaming of liquids
- ▶ Simple analog control with easy-turn knobs
- ▶ 19 mm orbit for blotting, gel staining, and general mixing
- ▶ Safe for cold room and incubator use

Cat. No.	Description	Voltage	Plug Type	Speed (rpm)	Weight	Dimensions (L x W x D)	Qty/Cs
6780-FP	LSE low speed orbital shaker	120V, 50/60Hz	US	3 - 60	11 lbs. (5 kg)	10 x 12.6 x 6.3 in. (25.5 x 32 x 16 cm)	1
6781-FP	LSE low speed orbital shaker	230V, 50/60Hz	EU	3 - 60	11 lbs. (5 kg)	10 x 12.6 x 6.3 in. (25.5 x 32 x 16 cm)	1
6782-FP	LSE low speed orbital shaker	230V, 50/60Hz	UK	3 - 60	11 lbs. (5 kg)	10 x 12.6 x 6.3 in. (25.5 x 32 x 16 cm)	1

Corning LSE Orbital Shaker



Orbital shaker with optional clamps and flasks

The Corning LSE orbital shaker meets a variety of shaking and mixing applications. A powerful brushless motor and counter-balanced shaker mechanism provides smooth operation for years of trouble-free use. Different platforms (order separately) are available and are easily interchangeable.

- ▶ Two stainless steel platform options
- ▶ 19 mm orbit for aeration of cultures and staining gels
- ▶ Large digital display with single-knob control
- ▶ Digital control of shaking speed and time
- ▶ Safe for cold room or incubator use
- ▶ Maximum capacity: 4 x 1L, 5 x 500 mL, 9 x 250 mL, or 16 x 125 mL

Cat. No.	Description	Voltage	Plug Type	Speed (rpm)	Weight	Dimensions (L x W x D)	Qty/Cs
6780-NP	LSE orbital shaker	120V, 50/60Hz	US	20 - 300	16 lbs. (7.3 kg)	10.1 x 12.5 x 5 in. (25.6 x 31.8 x 12.7 cm)	1
6781-NP	LSE orbital shaker	230V, 50/60Hz	EU	20 - 300	16 lbs. (7.3 kg)	10.1 x 12.5 x 5 in. (25.6 x 31.8 x 12.7 cm)	1
6782-NP	LSE orbital shaker	230V, 50/60Hz	UK	20 - 300	16 lbs. (7.3 kg)	10.1 x 12.5 x 5 in. (25.6 x 31.8 x 12.7 cm)	1

Accessories

Cat. No.	Description	Qty/Cs
480108	Flat platform with rubber mat	1
480109	Flask clamp platform (without clamps)	1
480110*	Clamp for 25 mL flask	1
480111*	Clamp for 50 mL flask	1
480112*	Clamp for 125 mL flask	1
480113*	Clamp for 250 mL flask	1
480114*	Clamp for 500 mL flask	1
480115*	Clamp for 1L flask	1

*Also fits the 49L and 71L shaking incubators, see pages 13 and 14.

For a full listing of polycarbonate Erlenmeyer baffled flasks, see the **Bioprocess Product Selection Guide** (Corning Lit. Code CLS-BP-028).

Corning® LSE™ Platform Rocker



The Corning LSE Platform Rocker is a compact yet high capacity rocker that is ideal for western blotting and general mixing applications.

- ▶ Low profile and compact size (11 lbs./5 kg)
- ▶ 11-pound load capacity
- ▶ Non-slip rubber pads to prevent sample containers from moving during operation
- ▶ Double platform model available for increased capacity
- ▶ 5-year warranty



Cat. No.	Description	Platform	Voltage	Speed (Tilts/min.)	Weight	Dimensions (L x W x H)	Qty/Cs
6703	LSE platform rocker	Single	115V, 50/60Hz	5 - 120	11.7 lbs. (5.3 kg)	12.8 x 14.2 x 5.7 in. (32.5 x 36 x 14.5 cm)	1
6704	LSE platform rocker	Single	230V, 50/60Hz	5 - 120	11 lbs. (5 kg)	12.8 x 14.2 x 5.7 in. (32.5 x 36 x 14.5 cm)	1
6705	LSE platform rocker	Double	115V, 50/60Hz	5 - 120	12.7 lbs. (5.8 kg)	12.8 x 14.2 x 5.7 in. (32.5 x 36 x 14.5 cm)	1
6706	LSE platform rocker	Double	230V, 50/60Hz	5 - 120	12.7 lbs. (5.8 kg)	12.8 x 14.2 x 5.7 in. (32.5 x 36 x 14.5 cm)	1

Corning LSE Digital Vortexer



The Corning Digital Vortexer is a multipurpose shaker dedicated to a variety of shaking and mixing applications. The interchangeable platforms accommodate many different sample containers such as flasks, bottles, tube racks, microplates, boxes, and dishes.

- ▶ Three versatile platform options (available separately)
- ▶ Compact design with easy-access control panel
- ▶ Non-slip rubber mat to keep containers in place
- ▶ Safe for cold room or incubator use
- ▶ 5-year warranty



Cat. No.	Description	Voltage	Speed (rpm)	Weight	Dimensions (L x W x H)	Qty/Cs
6709	LSE digital vortexer	115V/60Hz	100 - 1200	4.4 lbs. (2 kg)	10.3 x 13.3 x 5.1 in. (26.2 x 33.7 x 13 cm)	1
6710	LSE digital vortexer	230V/50Hz	100 - 1200	4.4 lbs. (2 kg)	10.3 x 13.3 x 5.1 in. (26.2 x 33.7 x 13 cm)	1
48010	Platform for four microplates	—	—	—	—	1
48011	Platform with non-slip rubber mat	—	—	—	—	1
48012	Spring loaded platform for flasks, bottles, or tube racks	—	—	—	—	1



Platform for four microplates (Cat. No. 48010)



Platform with non-slip rubber mat (Cat. No. 48011)



Spring loaded platform for flasks, bottles, or tube racks (Cat. No. 48012)