

Corning® LSE™ Shaking Incubators

CORNING



Corning LSE 49L and 71L Shaking Incubators (49L shown)



Corning LSE Benchtop Shaking Incubator

Corning LSE Shaking Incubators are the ideal solution to meet your small batch incubator needs. Whether performing bacterial research, microbiology, insect studies, yeast cultures, egg incubation, or any number of other applications, the shaking incubators from Corning provide a safe and convenient format for incubating your precious samples. Each model features an integrated orbital shaker designed into a compact footprint maximizing laboratory space. Additionally, a wide range of platform accessories are available to accommodate Corning glass and plastics consumables.

Features

- ▶ Outstanding temperature uniformity
- ▶ Large viewing area for undisturbed monitoring of samples
- ▶ Broad temperature range
- ▶ Multiple shelving options
- ▶ Precision control shaking mechanism

Corning® LSE™ Benchtop Shaking Incubator



Truly a benchtop style, the lid on the Corning benchtop shaking incubator has a low pivot point which provides a space-saving size sure to fit on the lab bench and under shelves. Each unit includes a software package, which provides the option of saving data to an external computer or monitoring rpm and temperature throughout runs. The maximum capacity is 4 x 1L flasks.

Specifications

Temperature Range	Ambient +5°C to +70°C
Operation Temperature Range	4°C to 65°C
Shaker Speed	20 to 300 rpm
Shaker Timer	1 minute to 99 hours or continuous
Shaker Orbit	19 mm
Temperature Increments	0.1°C
Temperature Accuracy	±0.5°C
Temperature Uniformity	±0.5°C
Speed Increments	1 rpm
Platform Dimensions	11.8 x 11.8 in. (30 x 30 cm)
Dimensions (W x D x H)	14.6 x 20.9 x 15.7 in. (37 x 53 x 40 cm)
Weight	43 lbs (19.5 kg)
Height Lid Open	21.7 in. (55 cm)
Communication Port	USB for temperature and rpm monitor with included Windows® compatible software
Electrical	120V/230V, 50/60 Hz

Corning LSE 49L Shaking Incubator



This cabinet-style incubator has a compact footprint and can also be stacked to maximize space efficiency. The built in orbital shaker accepts a large assortment of platforms and clamps that can accommodate flasks, Petri dishes, and test tube racks. The maximum capacity is 4 x 1L flasks.

Specifications

Chamber Volume	49L/1.7 cu. ft.
Temperature Range/Display	Ambient +5° to 80°C in 0.1°C increments/digital
Temperature Uniformity/Accuracy	±0.25°C/±0.1°C
Shaker Speed	20 to 400 rpm (maximum 300 rpm when stacked)
Shaker Timer	0 to 99 minutes or continuous
Shaker Orbit	19 mm
Flask Capacity	4 x 1L, 5 x 500 mL, 9 x 250 mL, 16 x 125 mL
Construction	Interior: Mirrored stainless steel Exterior: Cold rolled steel
Chamber (W x D x H)	13.5 x 14.75 x 15 in. (34.3 x 37.5 x 38.1 cm)
Exterior (W x D x H)	23 x 19.25 x 22.25 in. (42.5 x 55 x 58 cm)
Weight	83 lbs (37.7 kg)
Electrical	120V/230V, 50/60 Hz

Corning® LSE™ 71L Shaking Incubator



This high performance shaking incubator has a full size glass door and internal light that allows easy viewing of samples without disturbing the chamber contents. Mechanical convection provides a safe, stable temperature environment and fast chamber temperature recovery after opening the door. The maximum capacity is 4 x 2L/6 x 1L flasks.

Specifications

Chamber Volume	71L/2.5 cu. ft.
Temperature Range/Display	Ambient +5° to 80°C
Temperature Uniformity/Accuracy	±0.2°C at 37°C
Temperature Display	0.1°C
Shaker Speed	20 to 300 rpm
Shaker Orbit	19 mm
Shaker Timer	0 to 99 minutes or continuous
Dimensions (W x D x H)	Chamber: 17.4 x 15.6 x 16 in. (44.2 x 39.6 x 40.6 cm) Exterior: 22.6 x 21.4 x 25 in. (57.4 x 54.4 x 63.5 cm)
Weight	140 lbs (63.6 kg)
Electrical	120V/230V, 50/60 Hz

Ordering Information

Corning LSE Benchtop Shaking Incubator

Cat. No.	Description	Qty/Cs
6790	LSE Benchtop shaking incubator with platform, 120V	1
6791	LSE Benchtop shaking incubator with platform, 230V (EU plug)	1
480144	Universal platform, 30 x 30 cm	1
480145	Petri dish shelf	1
480146	Sticky mat, 150 x 150 x 30 mm	1
480147	Microtiter hotel, holds maximum 4 microplates	1
480148	Combination tube holder, 6 x 15/50 mL tubes	1
480149	Plastic clamp, 125 mL	1
480150	Plastic clamp, 250 mL	1
480151	Plastic clamp, 500 mL	1
480152	Plastic clamp, 1000 mL	1

Corning LSE 49L Shaking Incubator

6750	LSE Shaking incubator, 49 Liters, 120V	1
6752	LSE Shaking incubator, 49 Liters, 230V (EU and UK plug)	1
480153	Flask clamp platform, pre-drilled	1
480154	Flat platform with nonslip rubber mat (300 x 300 mm)	1
480155	Double flat platform with non-slip rubber mat (300 x 300 mm)	1
480156	Universal spring-loaded clamp platform for Cat. Nos. 6750 and 6752 only	1
480157	Shelf, full, for Cat. Nos. 6750 and 6752	1
480158	Stacking adapter for Cat. Nos. 6750 and 6752	1

Corning LSE 71L Shaking Incubator

6753	LSE Shaking incubator, 71L, 120V	1
6754	LSE Shaking incubator, 71L, 230V (EU and UK plug)	1
480159	Shaking platform pre-drilled for flask clamps	1
480160	Flat shaker platform with non-slip rubber mat (390 x 330 mm)	1
480161	Platform with 4 x 2L flask clamps	1
480162	Platform with 6 x 1L flask clamps	1
480163	Platform with 8 x 500 mL flask clamps	1
480164	Platform with 12 x 250 mL flask clamps	1
480165	Platform with 20 x 125 mL flask clamps	1
480166	Platform with 30 x 50 mL flask clamps	1
480168	Rack holder for 15 mL test tubes	1
480169	Rack holder for 50 mL test tubes	1
480170	Shelf, full, for Cat. Nos. 6753 and 6754	1

Clamps for 49L and 71L Shaking Incubators

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 1,000 mL flask	1
480167	Clamp for 2,000 mL flask (for use with 71L only)	1

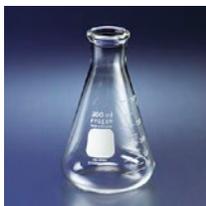
Complementary Products



Insect media for the following cell lines: Sf9, Sf21, DS2, Tn-368*

Cat. No.	Description	Qty/Pk
13-410-CV	Corning® insectagro® Sf9 medium, serum-free insect media	6
13-402-CV	Corning insectagro DS2 medium, serum-free insect media	6
13-200-CV	Grace's supplemented (Vaughn Mod.), classical insect media	6
13-100-CV	Hink's TNM-FH medium, classical insect media	6
13-901-CI	Poloxamer 188 (shear force protectant), supplement insect media	6

*Custom formulations available upon request. Please contact your local Corning Account Manager.



PYREX® and Polycarbonate Erlenmeyer Flasks

Cat. No.	Description	Qty/Cs
4980-500	PYREX 500 mL narrow mouth Erlenmeyer flasks with heavy duty rim	36
4980-1L	PYREX 1L narrow mouth Erlenmeyer flasks with heavy duty rim	24
431143	Corning 125 mL polycarbonate Erlenmeyer flask with vent cap	50
431144	Corning 250 mL polycarbonate Erlenmeyer flask with vent cap	50
431147	Corning 1L polycarbonate Erlenmeyer flask with vent cap	25
431255	Corning 2L polycarbonate Erlenmeyer flask with vent cap	6



Gosselin™ Petri Dish

Cat. No.	Description	Qty/Pk	Qty/Cs
BP945-01	Round Petri dish, 100 x 15 mm, stackable, sterile	25	500

For more specific information on claims, visit the Certificates page at www.corning.com/lifesciences.

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