

Corning® LSE™ Shaking Incubators

High performance incubator with a built-in orbital shaker

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, these shaking incubators provide a safe and convenient format for incubating your precious samples. Each model features an integrated orbital shaker designed into a compact footprint for 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°C 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
Dimensions (W x D x H)	Chamber: 13.5 x 14.75 x 15 in. (34.3 x 37.5 x 38.1 cm) Exterior: 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°C 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

VWR Cat. No.	Corning Cat. No.	Description	Qty/Pk
10020-988	6790	LSE Benchtop shaking incubator with platform, 120V	1
10020-650	6791	LSE Benchtop shaking incubator with platform, 230V (EU plug)	1
10020-652	480144	Universal platform, 30 x 30 cm	1
10020-654	480145	Petri dish shelf	1
10020-656	480146	Sticky mat, 150 x 150 x 30 mm	1
10020-658	480147	Microtiter hotel, holds maximum 4 microplates	1
10020-660	480148	Combination tube holder, 6 x 15/50 mL tubes	1
10020-662	480149	Plastic clamp, 125 mL	1
10020-664	480150	Plastic clamp, 250 mL	1
10018-880	480151	Plastic clamp, 500 mL	1
10018-882	480152	Plastic clamp, 1000 mL	1



Cat. No. 10020-652



Cat. No. 10020-654



Cat. No. 10020-656



Cat. No. 10020-658



Cat. No. 10020-660



Cat. No. 10020-662

Corning LSE 49L Shaking Incubator

10020-976	6750	LSE Shaking incubator, 49 Liters, 120V	1
10020-978	6752	LSE Shaking incubator, 49 Liters, 230V (EU and UK plug)	1
10018-884	480153	Flask clamp platform, pre-drilled	1
10018-886	480154	Flat platform with nonslip rubber mat (300 x 300 mm)	1
10018-888	480155	Double flat platform with non-slip rubber mat (300 x 300 mm)	1
10018-890	480156	Universal spring-loaded clamp platform for all LSE Shaking incubators	1
10018-892	480157	Shelf, full, for Cat. Nos. 10020-976 and 10020-978	1
10018-894	480158	Stacking adapter for Cat. Nos. 10020-976 and 10020-978	1



Cat. No. 10018-886



Cat. No. 10018-888



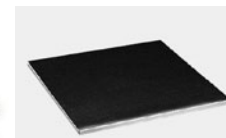
Cat. No. 10018-890



Cat. No. 10018-892



Cat. No. 10018-894



Cat. No. 10020-668

Corning LSE 71L Shaking Incubator

10020-980	6753	LSE Shaking incubator, 71L, 120V	1
10020-982	6754	LSE Shaking incubator, 71L, 230V (EU and UK plug)	1
10020-666	480159	Shaking platform pre-drilled for flask clamps	1
10020-668	480160	Flat shaker platform with non-slip rubber mat (390 x 330 mm)	1
10020-670	480161	Platform with 4 x 2L flask clamps	1
10020-672	480162	Platform with 6 x 1L flask clamps	1
10020-674	480163	Platform with 8 x 500 mL flask clamps	1
10020-676	480164	Platform with 12 x 250 mL flask clamps	1
10020-678	480165	Platform with 20 x 125 mL flask clamps	1
10020-680	480166	Platform with 30 x 50 mL flask clamps	1
10020-684	480168	Rack holder for 15 mL test tubes	1
10020-686	480169	Rack holder for 50 mL test tubes	1
10020-688	480170	Shelf, full, for Cat. Nos. 10020-980 and 10020-982	1



Cat. No. 10020-672



Cat. No. 10020-674



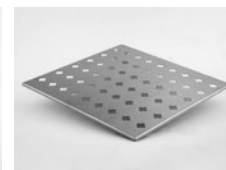
Cat. No. 10020-676



Cat. No. 10020-680



Cat. No. 10020-684



Cat. No. 10020-688

Clamps for 49L and 71L Shaking Incubators

89137-818	480110	Clamp for 25 mL flask	1
89137-820	480111	Clamp for 50 mL flask	1
89137-822	480112	Clamp for 125 mL flask	1
89133-520	480113	Clamp for 250 mL flask	1
89133-522	480114	Clamp for 500 mL flask	1
89137-824	480115	Clamp for 1,000 mL flask	1
10020-682	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*

VWR Cat. No.	Corning Cat. No.	Description	Qty/Cs
45001-054	13-410-CV	Corning® insectagro® Sf9 serum-free/protein-free medium, [+] L-glutamine	6
45000-474	13-402-CV	Corning insectagro DS2 serum-free/protein-free medium, 1x [-] L-glutamine	6
45000-476	13-200-CV	Grace's insect basal medium (Vaughn Modification), [+] L-glutamine; [-] insect hemolymph	6
45000-478	13-100-CV	Hink's TNM-FH medium, (Modification) (Supplemented Grace's Medium), [+] L-glutamine, lactalbumin hydrolysate, UF yeast extract; [-] insect hemolymph	6
45000-488	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 Corning Polycarbonate Erlenmeyer Flasks

VWR Cat. No.	Corning Cat. No.	Description	Qty/Cs
89091-420	4980-500	PYREX 500 mL narrow mouth Erlenmeyer flasks with heavy duty rim	36
29136-106	4980-1L	PYREX 1L narrow mouth Erlenmeyer flasks with heavy duty rim	24
29445-060	431143	Corning 125 mL polycarbonate Erlenmeyer flask, vent cap	50
29445-056	431144	Corning 250 mL polycarbonate Erlenmeyer flask, vent cap	50
29445-064	431147	Corning 1L polycarbonate Erlenmeyer flask, vent cap	25
17777-106	431255	Corning 2L polycarbonate Erlenmeyer flask, vent cap	6

Corning Gosselin™ Petri Dish

VWR Cat. No.	Corning Cat. No.	Description	Qty/Pk	Qty/Cs
10416-320	BP94S-01	Round Petri dish, 100 x 15 mm, stackable, sterile	25	500

Warranty/Disclaimer: Unless otherwise specified, all products are for research use only. Not intended for use in diagnostic or therapeutic procedures. Corning Life Sciences makes no claims regarding the performance of these products for clinical or diagnostic applications.

CORNING

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