Corning Brand Equipment
Product Selection Guide

CORNING

Introduction

Corning Life Sciences is pleased to present our Equipment Selection Guide. In this guide, you will find a selection of Corning's newest and most requested products.

For up-to-date information on Corning Life Sciences' comprehensive range of products and services, go to **www.corning.com/lifesciences** where you can access:

◗ New products information

◗ Product catalog

◗ Technical information including:

- Application notes
- Instruction manuals
- Product bulletins
- Product selection guides

◗ Product literature

◗ Distributor information

For additional product information, please visit **www.corning.com/lifesciences**, or contact your local support office. See back cover.

Ordering Information

Corning products are available through any authorized Corning support office or distributor. Please see our website for a complete listing.

To place an order, simply contact the distributor of your choice. For each requested product, provide the Corning catalog number, product description, and desired quantity.

Equipment

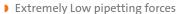# Liquid Handling Equipment

Corning® Lambda® Plus Starter Kit

The Corning Lambda Plus starter kit contains:

◗ Cat. No. CC4071 Lambda Plus single-channel pipettor, 0.5 to 10 μL

◗ Cat. No. CC4072 Lambda Plus single-channel pipettor, 2 to 20 μL

◗ Cat. No. CC4074 Lambda Plus single-channel pipettor, 20 to 200 μL

◗ Cat. No. CC4075 Lambda Plus single-channel pipettor, 100 to 1000 μL

◗ Universal carousel rack for six single-channel pipettors

◗ Corning DeckWorks™ Pipet Tips: Cat. No. CC4135 (10 μL), Cat. No. CC4138 (200 mL), and Cat. No. CC4140 (1000 μL)

Cat. No.	Description	Qty/Pk	Qty/Cs
CC4069	Lambda Plus starter kit	1 kit	1 kit

Corning Lambda Plus Single-channel, 8-channel, and 12-channel Pipettors

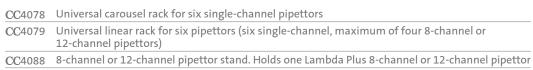Corning Lambda Plus pipettors are available in single-, eight-, and twelve-channel configurations.

◗ Extremely Low pipetting forces

◗ Volume lock prevents accidental change

◗ 3-year warranty

◗ Fully autoclavable and UV resistant

◗ Designed for universal fit with all common brands of pipet tips

◗ Adjustable tip ejector

◗ Factory calibrated to strict ISO 8655 standards

Corning Lambda Plus single-channel pipettor

Corning Lambda Plus 8-channel and 12-channel pipettor

Cat. No.	Volume Range (μL)	Channels	Accuracy (%)	Precision (%)	Tip (μL)	Qty/Cs
CC4070	0.2 - 2.0	1	±12 to ±1.5	<6.0 to <0.7	10	1
CC4071	0.5 - 10	1	±4.0 to ±0.5	<4.0 to <0.4	10	1
CC4072	2 - 20	1	±4.0 to ±0.8	<3.0 to <0.4	200	1
CC4073	10 - 100	1	±1.6 to ±0.8	<0.8 to <0.3	200	1
CC4074	20 - 200	1	±1.2 to ±0.6	<0.6 to <0.3	200	1
CC4075	100 - 1,000	1	±1.0 to ±0.6	<0.45 to <0.25	1,000	1
CC4080	1 - 10	8	±8.0 to ±2.0	<6.0 to <1.2	10	1
CC4081	5 - 50	8	±4.0 to ±1.6	<2.5 to <0.6	200	1
CC4082	20 - 200	8	±3.0 to ±1.0	<1.5 to <0.6	200	1
CC4083	50 - 300	8	±1.6 to ±1.0	<1.5 to <0.6	200/300	1
CC4084	1 - 10	12	±8.0 to ±2.0	<6.0 to <1.2	10	1
CC4085	5 - 50	12	±4.0 to ±1.6	<2.5 to <0.6	200	1
CC4086	20 - 200	12	±3.0 to ±1.0	<1.5 to <0.6	200	1
CC4087	50 - 300	12	±1.6 to ±1.0	<1.5 to <0.6	200/300	1

Accessories

CC4078	Universal carousel rack for six single-channel pipettors
CC4079	Universal linear rack for six pipettors (six single-channel, maximum of four 8-channel or 12-channel pipettors)
CC4088	8-channel or 12-channel pipettor stand. Holds one Lambda Plus 8-channel or 12-channel pipettor

Costar® 8-Pette® and 12-Pette® Multi-channel Pipettors

These multi-channel pipettors feature a unique, ergonomic trigger-style aspiration and dispense control mechanism designed to reduce thumb fatigue during repetitive pipetting.

Cat. No.	Volume Range (μL)	Channels	Qty/Pk	Qty/Cs
CC4880	20 - 200	12	1	1
CC4888	20 - 200	8	1	1

Visit **www.corning.com/lifesciences** for additional product and technical information.

Corning® Stripettor™ Ultra Pipet Controller

The Stripettor Ultra pipet controller is designed for use with glass and plastic serological pipets from 0.5 to 100 mL. When fully charged, the batteries enable up to 8 hours of continuous use. Aspirating and dispensing speed is controlled through the finger triggers.

◗ LCD display for continuous visualization of speed, modes, and battery status

◗ Colored nose pieces for user or application identification

Cat. No.	Description
CC4099	Corning Stripettor Ultra Pipet Controller
Accessories	
CC4991	Hydrophobic PTFE filter 0.2 µm (5 pcs)
CC4992	Hydrophobic PTFE filter 0.45 µm (5 pcs)
CC4993	Silicone pipet holder
CC4994	Battery set, 3 x AAA, NiHM
CC4995	Battery cover with wings
CC4996	Universal power supply, 9V with set of adaptors (EU, US, UK, and AUS)
CC4997	Colored nose pieces, set of 4 (orange, yellow, green, red)

Corning Aspirator Device and Accessories

Cat. No.	Description	Qty/Pk	Qty/Cs
CC4930	Aspirator device (includes hand piece, grommet for accessory attachment, and single-channel adapter for use with disposable pipet tips)	1	1
CC4931	8-channel adapter for use with disposable pipet tips	1	1
CC9016	Aspirating pipet, without graduations, unplugged, sterile, paper/plastic wrapped	50	500

Transtar-96® Liquid Transfer System

◗ A portable, autoclavable liquid handling device for use with 96-well plates

◗ A sterile 96 tip disposable cartridge, which loads into the Transtar system, enables liquids to be aspirated, transferred, and dispensed over a volume range of 25 to 200 µL in 5 µL increments

◗ Transtar-96 system accuracy is rated at ±5% at all volume levels

Cat. No.	Description	Sterile	Qty/Pk	Qty/Cs
CC7605	Transtar-96, adjustable-volume pipettor	N/A	1	1
CC7606	Transtar elevator	N/A	1	1
CC7610	Transtar disposable cartridges	Yes	1	24
CC4876	Transtar disposable reservoir liner, open	Yes	1	100
CC4877	Transtar disposable reservoir liner, 12-channel	Yes	1	100
CC4878	Transtar disposable reservoir liner, 8-channel	Yes	1	100

Costar® Reagent Reservoirs

The reagent resevoirs are manufactured from modified polystyrene, are sterile, and disposable.

Cat No.	Volume (mL)	Color	Qty/Pk	Qty/Cs
CC4870	50	White	5	200
CC4871	50	White	1	100
CC4872	100	White	5	200
CC4873	100	White	1	100

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

Centrifugation Equipment

Corning® LSE™ Mini Microcentrifuge

The Corning LSE mini microcentrifuge is a personal benchtop instrument designed for quick spin downs of micro-samples. Operation is simple and convenient. After loading sample tubes, close the lid and the rotor accelerates quickly to 6,000 rpm (2,000 x g). This speed range is ideal for bringing small droplets to the bottom of the tubes, micro-filtrations, or basic separations. Press the lid release button and rotor comes to a stop.

The LSE mini microcentrifuge includes an 8-place rotor that will accept standard 1.5 mL to 2.0 mL microcentrifuge tubes, and adapters are included for 0.5/0.4 mL and 0.2 mL tubes. Also included is a 4-place rotor for PCR strip tubes.

◗ Compact, lightweight, and easy-to-use

◗ Close the lid to start, press the lid release button to stop.

◗ 8 x 1.5/2.0 mL rotor and 4-place strip tube rotors included

◗ Fixed speed of 6,000 rpm generates 2,000 x g.

Cat. No.	Description	Voltage	Plug Type	Qty/Cs
CC6766	LSE mini microcentrifuge	230V, 50/60Hz	EU	1
CC6767	LSE mini microcentrifuge	230V, 50/60Hz	UK	1

Corning LSE High Speed Microcentrifuge

The Corning LSE high speed microcentrifuge features an easy-to-use, digital control interface, and high-speed performance for quick nucleic acid and protein separations. Two control knobs are used to precisely set rotor speed and run time, and parameters are shown on the easy-to-read LED displays. Press the "Speed/G-force" knob to toggle the display between rpm and calculated g-force.

The LSE high speed microcentrifuge incorporates a brushless drive and unique air cooling system to both reduce noise and minimize sample heating even during prolonged runs at maximum speed.

◗ Fast acceleration to a maximum speed 13,300 rpm/16,300 x g

◗ Complete with easy access, 24 x 1.5/2.0 mL rotor

◗ Precise, digital control system

◗ Set and view rotor speed in rpm or g-force

◗ Quiet and cool running, even at maximum speed

Cat. No.	Description	Voltage	Plug Type	Speed (rpm)	Weight	Dimensions (H x W x D)	Qty/Cs
CC6766HS	LSE high speed microcentrifuge	230V, 50/60Hz	EU	500 - 13,300	18 lbs. (8.1 kg)	9.25 x 11.5 x 8.5 in. (23.5 x 29.3 x 21.6 cm)	1
CC6767HS	LSE high speed microcentrifuge	230V, 50/60Hz	UK	500 - 13,300	18 lbs. (8.1 kg)	9.25 x 11.5 x 8.5 in. (23.5 x 29.3 x 21.6 cm)	1

Accessories

Cat. No.	Description	Qty/Pk
CC480134	Individual adaptors for 0.5/0.4 mL tubes	6
CC480135	Individual adaptors for 0.2 mL tubes	6

Visit **www.corning.com/lifesciences** for additional product and technical information.

Corning® LSE™ Compact Centrifuge

The Corning LSE compact centrifuge is a space saving centrifuge ideal for use in life science and industrial research labs.

Four angle rotors are available for this centrifuge, including an innovative combination rotor designed by Corning to allow for greater versatility. This multi-purpose rotor can accommodate various tube sizes including a 5 mL microcentrifuge tube, as well as round and conical bottom 15 mL and 50 mL centrifuge tubes. Tubes are inserted at an increased fixed angle to allow for improved efficiency of cellular pelleting. An equal g-force is applied to the samples when spinning 15 mL and 50 mL tubes simultaneously. In addition, the LSE compact centrifuge can accommodate a swing-out rotor for 6 x 5 mL.

The centrifuge's control panel features a large digital display and a convenient turn knob for setting parameter values. An internal microprocessor maintains precise control over operation with ten levels of acceleration and deceleration and a speed range from 200 rpm to 6,000 rpm. For safety considerations, the centrifuge is equipped with an electronic lid lock system, over speed protection, and an automatic shut off imbalance detection system.

◗ Maximum capacity: 6 x 50 mL

◗ Maximum speed: 6,000 rpm/4,185 x g

◗ Accepts both conical and round bottom tubes

◗ Space saving footprint: 11" x 14.6" x 10"

Cat. No.	Description	Voltage	Plug Type	Speed (rpm)	Weight (kg)	Dimensions (L x W x D)	Qty/Cs
CC6758	LSE compact centrifuge	230V, 50/60Hz	UK	200 - 6,000	33 lbs. (15 kg)	11 x 14.6 x 10.2 in. (28 x 37 x 26 cm)	1
CC6759	LSE compact centrifuge	230V, 50/60Hz	EU	200 - 6,000	33 lbs. (15 kg)	11 x 14.6 x 10.2 in. (28 x 37 x 26 cm)	1

Rotors

Cat. No.	Description	Max. Speed (rpm)	Max. RCF	Qty/Cs
CC480136	LSE 6 x 50 mL fixed angle rotor	6,000	3,820	1
CC480137	LSE 12 x 15 mL fixed angle rotor	6,000	4,180	1
CC480138	LSE 6 x 5 mL swing-out rotor	3,500	1,450	1
CC480139	LSE 18 x 1.5 mL fixed angle rotor	6,000	2,930	1
CC480143	LSE combination rotor for 5, 15, and 50 mL tubes	6,000	3,820	1

Adapters

Cat. No.	Description	Qty/Cs
CC480140	LSE adapters for 10 and 15 mL tubes in 50 mL rotor	6
CC480141	LSE adapters for 5 and 7 mL tubes in 50 mL rotor	6
CC480142	LSE adapters for 5, 7, and 10 mL tubes in 15 mL rotor	6

6 x 50 mL fixed angle rotor (Cat. No. CC480136)

12 x 15 mL fixed angle rotor (Cat. No. CC480137)

6 x 5 mL swing-out rotor (Cat. No. CC480138)

18 x 1.5 mL fixed angle rotor (Cat. No. CC480139)

Combination rotor (Cat. No. CC480143)

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

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

Cat. No.	Description	Voltage	Plug Type	Speed (rpm)	Weight	Dimensions (L x W x D)	Qty/Cs
CC6776	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
CC6777	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

Accessories

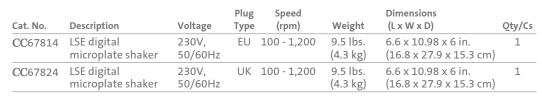| Cat. No.	Description	Qty/Cs
CC480100	Optional head, 3 inch, for processing larger numbers of tubes	1
CC480101	Optional head for 24 x 1.5/2.0 mL tubes, 24 x 0.5 mL tubes, and 32 x 0.2 mL tubes (or 4 tube strips)	1
CC480102	Optional head for 1 microplate, or 64 x 0.2 mL tubes, or 8 x 0.2 mL tube strips	1
CC480103	Optional head for 8 x 15 mL and 8 x 12/13 mm diameter tubes	1
CC480104	Optional head attachment for 6 x 50 mL tubes	1
CC480105	Optional head for 12 x 1.5/2.0 mL tubes, held horizontally	1
CC480106	Optional head for 4 x 15 mL tubes, held horizontally	1
CC480107	Optional head for 2 x 50 mL tubes, held horizontally	1

Accessory heads for Corning LSE vortex mixer

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
CC67814	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
CC67824	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

Visit **www.corning.com/lifesciences** for additional product and technical information.

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
CC6781FP	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
CC6782FP	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

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

Orbital shaker with optional clamps and flasks

Cat. No.	Description	Voltage	Plug Type	Speed (rpm)	Weight	Dimensions (L x W x D)	Qty/Cs
CC6781NP	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
CC6782NP	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
CC480108	Flat platform with rubber mat	1
CC480109	Flask clamp platform (without clamps)	1
CC480110*	Clamp for 25 mL flask	1
CC480111*	Clamp for 50 mL flask	1
CC480112*	Clamp for 125 mL flask	1
CC480113*	Clamp for 250 mL flask	1
CC480114*	Clamp for 500 mL flask	1
CC480115*	Clamp for 1L flask	1
CC480167	Clamp for 2,000 mL flask (for use with 71L shaking incubator only)	1

* Also fits the 49L and 71L shaking incubators, see pages D16 and D17.

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

Constant Temperature Equipment

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

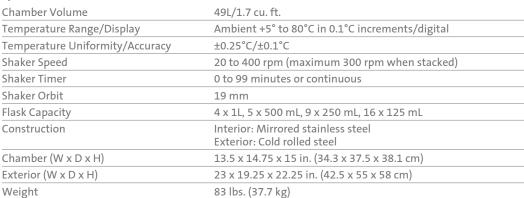|	
Temperature Range	Ambient +5°C to +70°C
Operation Temperature Range	4°C to 65°C
Shaker Speed	20 to 300 rpm
Shaker Timer	1 minute to 99 hours or continuous
Temperature Increments	0.1°C
Speed Increments	1 rpm
Platform Dimensions	11.8 x 11.8 in. (30 x 30 cm)
Dimensions (W x D x H)	14.6 x 20.9 x 15.7 in. (37 x 53 x 40 cm)
Weight	43 lbs. (19.5 kg)
Height Lid Open	21.7 in. (55 cm)
Communication Port	USB to monitor temperature and rpm

Ordering Information

Cat. No.	Description	Qty/Cs
CC6791	LSE Benchtop shaking incubator with platform, 230V (EU and UK plug)	1
CC480144	Universal platform, 30 x 30 cm	1
CC480145	Petri dish shelf	1
CC480146	Sticky mat, 150 x 150 x 30 mm	1
CC480147	Microtiter hotel, holds maximum 4 microplates	1
CC480148	Combination tube holder, 6 x 15/50 mL tubes	1
CC480149	Plastic clamp, 125 mL	1
CC480150	Plastic clamp, 250 mL	1
CC480151	Plastic clamp, 500 mL	1
CC480152	Plastic clamp, 1000 mL	1

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. For accessories, see page D8.
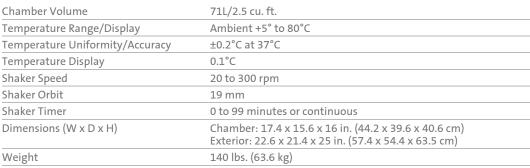
Specifications

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)

Ordering Information

Cat. No.	Description	Qty/Cs
CC6752	LSE Shaking incubator, 49 Liters, 230V (EU and UK plug)	1
CC480153	Flask clamp platform, pre-drilled	1
CC480154	Flat platform with nonslip rubber mat (300 x 300 mm)	1
CC480155	Double flat platform with non-slip rubber mat (300 x 300 mm)	1
CC480156	Universal spring-loaded clamp platform for Cat. Nos. 6750 and 6752 only	1
CC480157	Shelf, full, for Cat. No. 6752	1
CC480158	Stacking adapter for Cat. No. 6752	1

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. For accessories, see page D8.

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)

Ordering Information

Cat. No.	Description	Qty/Cs
CC6754	LSE Shaking incubator, 71L, 230V (EU and UK plug)	1
CC480159	Shaking platform pre-drilled for flask clamps	1
CC480160	Flat shaker platform with non-slip rubber mat (390 x 330 mm)	1
CC480161	Platform with 4 x 2L flask clamps	1
CC480162	Platform with 6 x 1L flask clamps	1
CC480163	Platform with 8 x 500 mL flask clamps	1
CC480164	Platform with 12 x 250 mL flask clamps	1
CC480165	Platform with 20 x 125 mL flask clamps	1
CC480166	Platform with 30 x 50 mL flask clamps	1
CC480168	Rack holder for 15 mL test tubes	1
CC480169	Rack holder for 50 mL test tubes	1
CC480170	Shelf, full, for Cat. No. 6754	1

Corning® LSE™ 6 Liter Digital Water Bath

The Corning LSE Digital Water Bath is constructed from corrosion-resistant stainless steel and can accommodate up to 6 liters of water or can serve as a dry bath when using thermal beads.

◗ Compact design

◗ Stainless steel cover to retain heat and minimize evaporation

◗ Powerful 500W heater programmed by LED digital controller
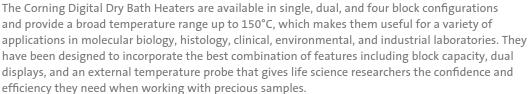
◗ Precise temperature control by hydraulic thermostat

Specifications

Chamber capacity	6L
Chamber construction	Stainless steel
Chamber maximum load	20 lbs. (9.09 kg)
Temperature range	Ambient +5°C to 99°C
Exterior dimensions (W x D x H)	14.9 x 11.4 x 9.0 in. (12.9 in. with cover) 38 x 29 x 23 cm (33 cm with cover)
Chamber dimensions	12.6 x 6.7 x 6.9 in. (32 x 17 x 18 cm)
Weight	19 lbs. (8.6 kg)

Ordering Information

Cat. No.	Description
CC6784	Digital water bath, 6L, 230V (EU and UK plug)

Corning LSE Digital Dry Bath Heater

The Corning Digital Dry Bath Heaters are available in single, dual, and four block configurations and provide a broad temperature range up to 150°C, which makes them useful for a variety of applications in molecular biology, histology, clinical, environmental, and industrial laboratories. They have been designed to incorporate the best combination of features including block capacity, dual displays, and an external temperature probe that gives life science researchers the confidence and efficiency they need when working with precious samples.

◗ Single, dual, and four block capacity to maximize sample processing

◗ Dual display allows for easy monitoring of temperature and time

◗ USB connectivity enables traceability of data

◗ Molded block chamber provides excellent temperature uniformity

Single block digital dry bath heater

Double block digital dry bath heater

Cat. No.	Description	Block Capacity	Voltage	Plug	Weight	Dimensions (L x W x H)	Qty/Cs
CC6876SB	LSE digital dry bath heater	Single	230V	EU	7.0 lbs. (3.2 kg)	8.3 x 12.4 x 4.7 in. (21 x 29 x 12 cm)	1
CC6886DB	LSE digital dry bath heater	Dual	230V	EU	7.0 lbs. (3.2 kg)	8.3 x 12.4 x 4.7 in. (21 x 29 x 12 cm)	1
CC6896FB	LSE digital dry bath heater	Four	230V	EU	9.6 lbs. (4.4 kg)	8.3 x 16.3 x 4.7 in. (21 x 39 x 12 cm)	1
CC6877SB	LSE digital dry bath heater	Single	230V	UK	7.0 lbs. (3.2 kg)	8.3 x 12.4 x 4.7 in. (21 x 29 x 12 cm)	1
CC6887DB	LSE digital dry bath heater	Dual	230V	UK	7.0 lbs. (3.2 kg)	8.3 x 12.4 x 4.7 in. (21 x 29 x 12 cm)	1
CC6897FB	LSE digital dry bath heater	Four	230V	UK	9.6 lbs. (4.4 kg)	8.3 x 16.3 x 4.7 in. (21 x 39 x 12 cm)	1

Four block digital dry bath heater

Visit **www.corning.com/lifesciences** for additional product and technical information.

Accessories

Cat. No.	Description	Qty/Cs
CC480116	Single block, 48 x 0.2 mL PCR tubes or 6 x 0.2 mL strips	1
CC480117	Single block, 20 x 2.0 mL tubes	1
CC480118	Single block, 24 x 0.5 mL tubes	1
CC480119	Single block, 24 x 1.5 mL tubes	1
CC480120	Single block, 35 x 6 mm tubes	1
CC480121	Single block, 20 x 10 mm tubes	1
CC480122	Single block, 20 x 12 mm tubes	1
CC480123	Single block, 20 x 13 mm tubes	1
CC480124	Single block, 12 x 15 mL centrifuge tubes	1
CC480125	Single block, 12 x 16 mm tubes	1
CC480126	Single block, 12 x 17 mm tubes	1
CC480127	Single block, 6 x 20 mm tubes	1
CC480128	Single block, 6 x 25 mm tubes	1
CC480129	Single block, 5 x 50 mL centrifuge tubes (for single block unit only)	1
CC480130	Single block, 96-well PCR microplate, skirted or nonskirted	1
CC480131	Dual block, 96-well microplate or 4 slides (for dual block unit only)	1
CC480132	Dual block, 96-well PCR microplate, skirted, or nonskirted (for dual block unit only)	1
CC480133	Dual block, 384-well PCR microplate (for dual block unit only)	1

Digital dry bath heater
accessories

Corning® Digital Hot Plates, Stirrers, and Stirring Hot Plates

Corning digital hot plates, stirrers, and stirring hot plates are made with the same durability and quality Corning has been putting into Pyroceram® top products since 1964. All models include a Pyroceram top and a two-year warranty.

◗ Twin display stirring hot plate shows both temperature and stirring speed on separate digital displays to ensure accuracy

◗ Temperature accuracy within ±2°C and stirring speeds at ±5% of the speed setting you choose

◗ Digital displays indicate when set temperature and stirring speeds are reached

◗ Safety indicators – power button and hot top indicators warn if unit is plugged in or is too hot to touch

◗ Angled front panel and large knobs minimize damage from spills

◗ PC-400D/410D/420D top plate size: 5 x 7 in. (12.7 x 17.8 cm)

◗ PC-600D/610D/620D top plate size: 10 x 10 in. (25.4 x 25.4 cm)

Model PC-400D

Digital Hot Plates

Cat. No.	Model	Voltage	Temperature Range	Dimensions (L x W x D)
CC6796400D*	PC-400D	230V/50Hz	5°C - 550°C	4.3 x 7.7 x 11 in. (10.8 x 19.7 x 28 cm)
CC6796600D*	PC-600D	230V/50Hz	5°C - 550°C	4.6 x 7.7 x 15.4 in. (11.75 x 19.7 x 39.1 cm)

Model PC-410D

Model PC-420D

Digital Stirrers

Cat. No.	Model	Voltage	Stir Range (rpm)	Dimensions (L x W x D)
CC6796410D*	PC-410D	230V/50Hz	60 - 1,150	4.3 x 7.7 x 11 in. (10.8 x 19.7 x 28 cm)
CC6796610D*	PC-610D	230V/50Hz	60 - 1,150	4.6 x 7.7 x 15.4 in. (11.75 x 19.7 x 39.1 cm)

Digital Stirring Hot Plates

Cat. No.	Model	Voltage*	Temperature/ Stir Range (rpm)	Dimensions (L x W x D)
CC6796420D*	PC-420D	230V/50Hz	5°C - 550°C/60 - 1,150	4.3 x 7.7 x 11 in. (10.8 x 19.7 x 28 cm)
CC6796620D*	PC-620D	230V/50Hz	5°C - 550°C/60 - 1,150	4.6 x 7.7 x 15.4 in. (11.75 x 19.7 x 39.1 cm)

*C€

Visit **www.corning.com/lifesciences** for additional product and technical information.

Stir Bars and Stir Bar Retriever

Corning® magnetic stir bars are polytetrafluorethylene (PTFE)-coated for increased chemical resistance. The Corning stir bar retriever contains a strong magnet to remove a stir bar from all glass and plastic containers used in the laboratory. The container must be taken off the magnetic stirrer before using the retriever as the high powered magnet in the stirrer cancels out the one in the retriever. The handle is designed for ergonomic and easy retrieval.

Cat. No.	Description	Use with Model	Qty/Pk	Qty/Cs
CC400430	Stir bar, 3/8" x 2"	PC-610D/620D	1	1
CC401435	Stir bar, 3/8" x 1"	PC-210/220/410D/420D	1	1
CC6970SR	Magnetic stir bar retriever	All Corning stirrers and hot plate/stirrers	1	1

Temperature Controller and Accessories

When used with the digital hot plate or stirring hot plate, the external temperature controller ensures precision temperature accuracy of the liquid inside the vessel as opposed to the temperature of the hot plate top.

Cat. No.	Description	Use with Model
CC6795-PR*	Temperature controller for digital hot plates and stirring hot plates	PC-400D/420D/600D/620D
CC6795KIT	Accessory kit Includes: External temperature controller (Cat. No. 6795PR), 18" support rods (Cat. No. 440129), and stir bar retriever (Cat. No. 6970SR)	PC-400D/420D/600D/620D
CC440129	Stainless steel support rod, two 9" (45.7 cm) rods, $5/16$" diameter. Rods can be screwed together to 18"	All digital and PC-200/210/220
CC409831	Stainless steel support rod, 24" (61.0 cm), $7/16$" diameter	PC-600D/610D/620D
CC400084	Stainless steel support rod, 12" (30.5 cm), $5/16$" diameter	All digital and PC-200/210/220
CC440140†	Boss head clamp for use with $5/16$" support rod and holding rod	All hot plates with $5/16$" or smaller support rod
CC440141	Holding rod, thermocouple, stainless steel	All hot plates

*Temperature controllers are not available for use with stirrer only units.
†Bosshead clamps to support rod; holding rod connects to bosshead. Temperature controller slides into holding rod.

Digital hot plate accessories

Catalog Number Index

Visit **www.corning.com/lifesciences** for additional product and technical information.

For up-to-date information on Corning Life Sciences' comprehensive range of products and services, visit **www.corning.com/lifesciences.**

At Corning, we continuously strive towards improving efficiencies and developing new products and technologies for life science researchers. We have scientists working in Corning R&D labs across the globe, doing what you do every day. Our technical experts understand your challenges and your increased need for high-quality products.

It is this expertise, plus a 160-year legacy of Corning innovation and manufacturing excellence, that puts us in a unique position to be able to offer a beginning-to-end portfolio of high-quality, reliable life sciences consumables.

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

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.

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