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 call 1.800.492.1110. Customers outside the United States, please call 1.978.442.2200 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.
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Liquid Handling Equipment

**Corning® Lambda® Plus Starter Kit**

The Corning Lambda Plus starter kit contains:
- Cat. No. 4071 Lambda Plus single-channel pipettor, 0.5 to 10 µL
- Cat. No. 4072 Lambda Plus single-channel pipettor, 2 to 20 µL
- Cat. No. 4074 Lambda Plus single-channel pipettor, 20 to 200 µL
- Cat. No. 4075 Lambda Plus single-channel pipettor, 100 to 1000 µL
- Universal carousel rack for six single-channel pipettors
- Corning DeckWorks™ Pipet Tips: Cat. No. 4135 (10 µL), Cat. No. 4138 (200 mL), and Cat. No. 4140 (1000 µL)

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Description</th>
<th>Qty/Pk</th>
<th>Qty/Cs</th>
</tr>
</thead>
<tbody>
<tr>
<td>4069</td>
<td>Lambda Plus starter kit</td>
<td>1 kit</td>
<td>1 kit</td>
</tr>
</tbody>
</table>

**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

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Volume Range (µL)</th>
<th>Channels</th>
<th>Accuracy (%)</th>
<th>Precision (%)</th>
<th>Tip (µL)</th>
<th>Qty/ Cs</th>
</tr>
</thead>
<tbody>
<tr>
<td>4070</td>
<td>0.2 - 2.0</td>
<td>1</td>
<td>±12 ±1.5</td>
<td>&lt;6.0 to &lt;0.7</td>
<td>10</td>
<td>1</td>
</tr>
<tr>
<td>4071</td>
<td>0.5 - 10</td>
<td>1</td>
<td>±4.0 ±0.5</td>
<td>&lt;4.0 to &lt;0.4</td>
<td>10</td>
<td>1</td>
</tr>
<tr>
<td>4072</td>
<td>2 - 20</td>
<td>1</td>
<td>±4.0 ±0.8</td>
<td>&lt;3.0 to &lt;0.4</td>
<td>200</td>
<td>1</td>
</tr>
<tr>
<td>4073</td>
<td>10 - 100</td>
<td>1</td>
<td>±1.6 ±0.8</td>
<td>&lt;0.8 to &lt;0.3</td>
<td>200</td>
<td>1</td>
</tr>
<tr>
<td>4074</td>
<td>20 - 200</td>
<td>1</td>
<td>±1.2 ±0.6</td>
<td>&lt;0.6 to &lt;0.3</td>
<td>200</td>
<td>1</td>
</tr>
<tr>
<td>4075</td>
<td>100 - 1,000</td>
<td>1</td>
<td>±1.0 ±0.6</td>
<td>&lt;0.45 to &lt;0.25</td>
<td>1,000</td>
<td>1</td>
</tr>
<tr>
<td>4080</td>
<td>1 - 10</td>
<td>8</td>
<td>±8.0 ±2.0</td>
<td>&lt;6.0 to &lt;1.2</td>
<td>10</td>
<td>1</td>
</tr>
<tr>
<td>4081</td>
<td>5 - 50</td>
<td>8</td>
<td>±4.0 ±1.6</td>
<td>&lt;2.5 to &lt;0.6</td>
<td>200</td>
<td>1</td>
</tr>
<tr>
<td>4082</td>
<td>20 - 200</td>
<td>8</td>
<td>±3.0 ±1.0</td>
<td>&lt;1.5 to &lt;0.6</td>
<td>200</td>
<td>1</td>
</tr>
<tr>
<td>4083</td>
<td>50 - 300</td>
<td>8</td>
<td>±1.6 ±1.0</td>
<td>&lt;1.5 to &lt;0.6</td>
<td>200/300</td>
<td>1</td>
</tr>
<tr>
<td>4084</td>
<td>1 - 10</td>
<td>12</td>
<td>±8.0 ±2.0</td>
<td>&lt;6.0 to &lt;1.2</td>
<td>10</td>
<td>1</td>
</tr>
<tr>
<td>4085</td>
<td>5 - 50</td>
<td>12</td>
<td>±4.0 ±1.6</td>
<td>&lt;2.5 to &lt;0.6</td>
<td>200</td>
<td>1</td>
</tr>
<tr>
<td>4086</td>
<td>20 - 200</td>
<td>12</td>
<td>±3.0 ±1.0</td>
<td>&lt;1.5 to &lt;0.6</td>
<td>200</td>
<td>1</td>
</tr>
<tr>
<td>4087</td>
<td>50 - 300</td>
<td>12</td>
<td>±1.6 ±1.0</td>
<td>&lt;1.5 to &lt;0.6</td>
<td>200/300</td>
<td>1</td>
</tr>
</tbody>
</table>

**Accessories**

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Description</th>
<th>Qty/Pk</th>
<th>Qty/Cs</th>
</tr>
</thead>
<tbody>
<tr>
<td>4078</td>
<td>Universal carousel rack for six single-channel pipettors</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4079</td>
<td>Universal linear rack for six pipettors (six single-channel, maximum of four 8-channel or 12-channel pipettors)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4088</td>
<td>8-channel or 12-channel pipettor stand. Holds one Lambda Plus 8-channel or 12-channel pipettor</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**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.

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Volume Range (µL)</th>
<th>Channels</th>
<th>Qty/Pk</th>
<th>Qty/Cs</th>
</tr>
</thead>
<tbody>
<tr>
<td>4880</td>
<td>20 - 200</td>
<td>12</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>4888</td>
<td>20 - 200</td>
<td>8</td>
<td>1</td>
<td>1</td>
</tr>
</tbody>
</table>

Visit [www.corning.com/lifesciences](http://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

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>4099</td>
<td>Corning Stripettor Ultra Pipet Controller</td>
</tr>
</tbody>
</table>

**Accessories**

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>4991</td>
<td>Hydrophobic PTFE filter 0.2 µm (5 pcs)</td>
</tr>
<tr>
<td>4992</td>
<td>Hydrophobic PTFE filter 0.45 µm (5 pcs)</td>
</tr>
<tr>
<td>4993</td>
<td>Silicone pipet holder</td>
</tr>
<tr>
<td>4994</td>
<td>Battery set, 3 x AAA, NiHM</td>
</tr>
<tr>
<td>4995</td>
<td>Battery cover with wings</td>
</tr>
<tr>
<td>4996</td>
<td>Universal power supply, 9V with set of adaptors (EU, US, UK, and AUS)</td>
</tr>
<tr>
<td>4997</td>
<td>Colored nose pieces, set of 4 (orange, yellow, green, red)</td>
</tr>
</tbody>
</table>

**Corning Aspirator Device and Accessories**

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>4930</td>
<td>Aspirator device (includes hand piece, grommet for accessory attachment, and single-channel adapter for use with disposable pipet tips)</td>
</tr>
<tr>
<td>4931</td>
<td>8-channel adapter for use with disposable pipet tips</td>
</tr>
<tr>
<td>9016</td>
<td>Aspirating pipet, without graduations, unplugged, sterile, paper/plastic wrapped</td>
</tr>
</tbody>
</table>

**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

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>7605</td>
<td>Transtar-96, adjustable-volume pipettor</td>
</tr>
<tr>
<td>7606</td>
<td>Transtar elevator</td>
</tr>
<tr>
<td>7610</td>
<td>Transtar disposable cartridges</td>
</tr>
<tr>
<td>4876</td>
<td>Transtar disposable reservoir liner, open</td>
</tr>
<tr>
<td>4877</td>
<td>Transtar disposable reservoir liner, 12-channel</td>
</tr>
<tr>
<td>4878</td>
<td>Transtar disposable reservoir liner, 8-channel</td>
</tr>
</tbody>
</table>

**Costar® Reagent Reservoirs**

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

<table>
<thead>
<tr>
<th>Cat No.</th>
<th>Volume (mL)</th>
<th>Color</th>
<th>Qty/Pk</th>
<th>Qty/Cs</th>
</tr>
</thead>
<tbody>
<tr>
<td>4870</td>
<td>50</td>
<td>White</td>
<td>5</td>
<td>200</td>
</tr>
<tr>
<td>4871</td>
<td>50</td>
<td>White</td>
<td>1</td>
<td>100</td>
</tr>
<tr>
<td>4872</td>
<td>100</td>
<td>White</td>
<td>5</td>
<td>200</td>
</tr>
<tr>
<td>4873</td>
<td>100</td>
<td>White</td>
<td>1</td>
<td>100</td>
</tr>
</tbody>
</table>
**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.

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Description</th>
<th>Voltage</th>
<th>Plug Type</th>
<th>Qty/Cs</th>
</tr>
</thead>
<tbody>
<tr>
<td>6765</td>
<td>LSE mini microcentrifuge</td>
<td>120V, 50/60Hz</td>
<td>US</td>
<td>1</td>
</tr>
<tr>
<td>6766</td>
<td>LSE mini microcentrifuge</td>
<td>230V, 50/60Hz</td>
<td>EU</td>
<td>1</td>
</tr>
<tr>
<td>6767</td>
<td>LSE mini microcentrifuge</td>
<td>230V, 50/60Hz</td>
<td>UK</td>
<td>1</td>
</tr>
</tbody>
</table>

**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

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Description</th>
<th>Voltage</th>
<th>Plug Type</th>
<th>Speed (rpm)</th>
<th>Weight</th>
<th>Dimensions (H x W x D)</th>
<th>Qty/Cs</th>
</tr>
</thead>
<tbody>
<tr>
<td>6765-HS</td>
<td>LSE high speed microcentrifuge</td>
<td>120V, 50/60Hz</td>
<td>US</td>
<td>500 - 13,300</td>
<td>18 lbs.</td>
<td>9.25 x 11.5 x 8.5 in. (23.5 x 29.3 x 21.6 cm)</td>
<td>1</td>
</tr>
<tr>
<td>6766-HS</td>
<td>LSE high speed microcentrifuge</td>
<td>230V, 50/60Hz</td>
<td>EU</td>
<td>500 - 13,300</td>
<td>18 lbs.</td>
<td>9.25 x 11.5 x 8.5 in. (23.5 x 29.3 x 21.6 cm)</td>
<td>1</td>
</tr>
<tr>
<td>6767-HS</td>
<td>LSE high speed microcentrifuge</td>
<td>230V, 50/60Hz</td>
<td>UK</td>
<td>500 - 13,300</td>
<td>18 lbs.</td>
<td>9.25 x 11.5 x 8.5 in. (23.5 x 29.3 x 21.6 cm)</td>
<td>1</td>
</tr>
<tr>
<td>6768-HS</td>
<td>LSE high speed microcentrifuge</td>
<td>100V, 50/60Hz</td>
<td>JP</td>
<td>500 - 13,300</td>
<td>18 lbs.</td>
<td>9.25 x 11.5 x 8.5 in. (23.5 x 29.3 x 21.6 cm)</td>
<td>1</td>
</tr>
</tbody>
</table>

**Accessories**

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Description</th>
<th>Qty/Pk</th>
</tr>
</thead>
<tbody>
<tr>
<td>480134</td>
<td>Individual adaptors for 0.5/0.4 mL tubes</td>
<td>6</td>
</tr>
<tr>
<td>480135</td>
<td>Individual adaptors for 0.2 mL tubes</td>
<td>6</td>
</tr>
</tbody>
</table>
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”

### Rotors

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Description</th>
<th>Max. Speed (rpm)</th>
<th>Max. RCF</th>
<th>Qty/Cs</th>
</tr>
</thead>
<tbody>
<tr>
<td>480136</td>
<td>LSE 6 x 50 mL fixed angle rotor</td>
<td>6,000</td>
<td>3,820</td>
<td>1</td>
</tr>
<tr>
<td>480137</td>
<td>LSE 12 x 15 mL fixed angle rotor</td>
<td>6,000</td>
<td>4,180</td>
<td>1</td>
</tr>
<tr>
<td>480138</td>
<td>LSE 6 x 5 mL swing-out rotor</td>
<td>3,500</td>
<td>1,450</td>
<td>1</td>
</tr>
<tr>
<td>480139</td>
<td>LSE 18 x 1.5 mL fixed angle rotor</td>
<td>6,000</td>
<td>2,930</td>
<td>1</td>
</tr>
<tr>
<td>480143</td>
<td>LSE combination rotor for 5, 15, and 50 mL tubes</td>
<td>6,000</td>
<td>3,820</td>
<td>1</td>
</tr>
</tbody>
</table>

### Adapters

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Description</th>
<th>Qty/Cs</th>
</tr>
</thead>
<tbody>
<tr>
<td>480140</td>
<td>LSE adapters for 10 and 15 mL tubes in 50 mL rotor</td>
<td>6</td>
</tr>
<tr>
<td>480141</td>
<td>LSE adapters for 5 and 7 mL tubes in 50 mL rotor</td>
<td>6</td>
</tr>
<tr>
<td>480142</td>
<td>LSE adapters for 5, 7, and 10 mL tubes in 15 mL rotor</td>
<td>6</td>
</tr>
</tbody>
</table>

For more specific information on claims, visit the Certificates page at [www.corning.com/lifesciences](http://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

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Description</th>
<th>Voltage</th>
<th>Plug Type</th>
<th>Speed (rpm)</th>
<th>Weight (lb)</th>
<th>Dimensions (L x W x D)</th>
<th>Qty/Cs</th>
</tr>
</thead>
<tbody>
<tr>
<td>6775</td>
<td>LSE vortex mixer</td>
<td>120V, 50/60Hz</td>
<td>US</td>
<td>0 - 3,400</td>
<td>4.8 (2.2 kg)</td>
<td>5.5 x 6.3 x 5.1 in.</td>
<td>1</td>
</tr>
<tr>
<td>6776</td>
<td>LSE vortex mixer</td>
<td>230V, 50/60Hz</td>
<td>EU</td>
<td>0 - 2,850</td>
<td>4.8 (2.2 kg)</td>
<td>5.5 x 6.3 x 5.1 in.</td>
<td>1</td>
</tr>
<tr>
<td>6777</td>
<td>LSE vortex mixer</td>
<td>230V, 50/60Hz</td>
<td>UK</td>
<td>0 - 2,850</td>
<td>4.8 (2.2 kg)</td>
<td>5.5 x 6.3 x 5.1 in.</td>
<td>1</td>
</tr>
<tr>
<td>6778</td>
<td>LSE vortex mixer</td>
<td>100V, 50/60Hz</td>
<td>JP</td>
<td>0 - 2,850</td>
<td>4.8 (2.2 kg)</td>
<td>5.5 x 6.3 x 5.1 in.</td>
<td>1</td>
</tr>
</tbody>
</table>

**Accessories**

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

**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

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Description</th>
<th>Voltage</th>
<th>Plug Type</th>
<th>Speed (rpm)</th>
<th>Weight (lb)</th>
<th>Dimensions (L x W x D)</th>
<th>Qty/Cs</th>
</tr>
</thead>
<tbody>
<tr>
<td>6780-4</td>
<td>LSE digital microplate shaker</td>
<td>120V, 50/60Hz</td>
<td>US</td>
<td>100 - 1,400</td>
<td>9.5 (4.3 kg)</td>
<td>6.6 x 10.98 x 6 in.</td>
<td>1</td>
</tr>
<tr>
<td>6781-4</td>
<td>LSE digital microplate shaker</td>
<td>230V, 50/60Hz</td>
<td>EU</td>
<td>100 - 1,200</td>
<td>9.5 (4.3 kg)</td>
<td>6.6 x 10.98 x 6 in.</td>
<td>1</td>
</tr>
<tr>
<td>6782-4</td>
<td>LSE digital microplate shaker</td>
<td>230V, 50/60Hz</td>
<td>UK</td>
<td>100 - 1,200</td>
<td>9.5 (4.3 kg)</td>
<td>6.6 x 10.98 x 6 in.</td>
<td>1</td>
</tr>
</tbody>
</table>

Visit [www.corning.com/lifesciences](http://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

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

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

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

Accessories

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Description</th>
<th>Qty/Cs</th>
</tr>
</thead>
<tbody>
<tr>
<td>480108</td>
<td>Flat platform with rubber mat</td>
<td>1</td>
</tr>
<tr>
<td>480109</td>
<td>Flask clamp platform (without clamps)</td>
<td>1</td>
</tr>
<tr>
<td>480110*</td>
<td>Clamp for 25 mL flask</td>
<td>1</td>
</tr>
<tr>
<td>480111*</td>
<td>Clamp for 50 mL flask</td>
<td>1</td>
</tr>
<tr>
<td>480112*</td>
<td>Clamp for 125 mL flask</td>
<td>1</td>
</tr>
<tr>
<td>480113*</td>
<td>Clamp for 250 mL flask</td>
<td>1</td>
</tr>
<tr>
<td>480114*</td>
<td>Clamp for 500 mL flask</td>
<td>1</td>
</tr>
<tr>
<td>480115*</td>
<td>Clamp for 1L flask</td>
<td>1</td>
</tr>
<tr>
<td>480167</td>
<td>Clamp for 2,000 mL flask (for use with 71L shaking incubator only)</td>
<td>1</td>
</tr>
</tbody>
</table>

* 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).

For more specific information on claims, visit the Certificates page at [www.corning.com/lifesciences](http://www.corning.com/lifesciences).
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

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

Ordering Information

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

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

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

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chamber Volume</td>
<td>71L / 2.5 cu. ft.</td>
</tr>
<tr>
<td>Temperature Range/Display</td>
<td>Ambient +5°C to 80°C</td>
</tr>
<tr>
<td>Temperature Uniformity/Accuracy</td>
<td>±0.2°C at 37°C</td>
</tr>
<tr>
<td>Temperature Display</td>
<td>0.1°C</td>
</tr>
<tr>
<td>Shaker Speed</td>
<td>20 to 300 rpm</td>
</tr>
<tr>
<td>Shaker Orbit</td>
<td>19 mm</td>
</tr>
<tr>
<td>Shaker Timer</td>
<td>0 to 99 minutes or continuous</td>
</tr>
<tr>
<td>Dimensions (W x D x H)</td>
<td>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)</td>
</tr>
<tr>
<td>Weight</td>
<td>140 lbs. (63.6 kg)</td>
</tr>
</tbody>
</table>

Ordering Information

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Description</th>
<th>Qty/Cs</th>
</tr>
</thead>
<tbody>
<tr>
<td>6753</td>
<td>LSE Shaking incubator, 71L, 120V</td>
<td>1</td>
</tr>
<tr>
<td>6754</td>
<td>LSE Shaking incubator, 71L, 230V (EU and UK plug)</td>
<td>1</td>
</tr>
<tr>
<td>480159</td>
<td>Shaking platform pre-drilled for flask clamps</td>
<td>1</td>
</tr>
<tr>
<td>480160</td>
<td>Flat shaker platform with non-slip rubber mat (390 x 330 mm)</td>
<td>1</td>
</tr>
<tr>
<td>480161</td>
<td>Platform with 4 x 2L flask clamps</td>
<td>1</td>
</tr>
<tr>
<td>480162</td>
<td>Platform with 6 x 1L flask clamps</td>
<td>1</td>
</tr>
<tr>
<td>480163</td>
<td>Platform with 8 x 500 mL flask clamps</td>
<td>1</td>
</tr>
<tr>
<td>480164</td>
<td>Platform with 12 x 250 mL flask clamps</td>
<td>1</td>
</tr>
<tr>
<td>480165</td>
<td>Platform with 20 x 125 mL flask clamps</td>
<td>1</td>
</tr>
<tr>
<td>480166</td>
<td>Platform with 30 x 50 mL flask clamps</td>
<td>1</td>
</tr>
<tr>
<td>480168</td>
<td>Rack holder for 15 mL test tubes</td>
<td>1</td>
</tr>
<tr>
<td>480169</td>
<td>Rack holder for 50 mL test tubes</td>
<td>1</td>
</tr>
<tr>
<td>480170</td>
<td>Shelf, full, for Cat. Nos. 6753 and 6754</td>
<td>1</td>
</tr>
</tbody>
</table>
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**

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chamber capacity</td>
<td>6L</td>
</tr>
<tr>
<td>Chamber construction</td>
<td>Stainless steel</td>
</tr>
<tr>
<td>Chamber maximum load</td>
<td>20 lbs. (9.09 kg)</td>
</tr>
<tr>
<td>Temperature range</td>
<td>Ambient +5°C to 99°C</td>
</tr>
<tr>
<td>Exterior dimensions</td>
<td>14.9 x 11.4 x 9.0 in. (12.9 in. with cover)</td>
</tr>
<tr>
<td></td>
<td>38 x 29 x 23 cm (33 cm with cover)</td>
</tr>
<tr>
<td>Chamber dimensions</td>
<td>12.6 x 6.7 x 6.9 in. (32 x 17 x 18 cm)</td>
</tr>
<tr>
<td>Weight</td>
<td>19 lbs. (8.6 kg)</td>
</tr>
</tbody>
</table>

**Ordering Information**

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>6783</td>
<td>Digital water bath, 6L, 120V</td>
</tr>
<tr>
<td>6784</td>
<td>Digital water bath, 6L, 230V (EU and UK plug)</td>
</tr>
</tbody>
</table>

Corning LSE Digital Dry Bath Heater

A broad temperature range to 150°C makes Corning LSE digital dry bath heaters useful for a variety of applications in molecular biology, histology, clinical, environmental, and industrial laboratories. Models are available for one or two sample blocks, and a variety of blocks are available for different sample containers. Temperature and time accurately controlled by a microprocessor and shown on a large 4-digit LED display.

- Microprocessor control with large digital display for temperature and time
- Temperature accuracy of ±0.3°C and uniformity of ±0.2°C
- Wide temperature set range from ambient +5°C to 150°C
- Corrosion-resistant block cavity

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Description</th>
<th>Block Capacity</th>
<th>Voltage</th>
<th>Plug</th>
<th>Weight</th>
<th>Dimensions (L x W x D)</th>
<th>Qty/Cs</th>
</tr>
</thead>
<tbody>
<tr>
<td>6785-SB</td>
<td>LSE digital dry bath</td>
<td>Single</td>
<td>120V, 50/60Hz</td>
<td>US</td>
<td>4.8 lbs. (2.2 kg)</td>
<td>7.9 x 10.4 x 3.3 in. (20 x 26.5 x 8.3 cm)</td>
<td>1</td>
</tr>
<tr>
<td>6785-DB</td>
<td>LSE digital dry bath</td>
<td>Dual</td>
<td>120V, 50/60Hz</td>
<td>US</td>
<td>4.8 lbs. (2.2 kg)</td>
<td>7.9 x 10.4 x 3.3 in. (20 x 26.5 x 8.3 cm)</td>
<td>1</td>
</tr>
<tr>
<td>6786-SB</td>
<td>LSE digital dry bath</td>
<td>Single</td>
<td>230V, 50/60Hz</td>
<td>EU</td>
<td>4.8 lbs. (2.2 kg)</td>
<td>7.9 x 10.4 x 3.3 in. (20 x 26.5 x 8.3 cm)</td>
<td>1</td>
</tr>
<tr>
<td>6786-DB</td>
<td>LSE digital dry bath</td>
<td>Dual</td>
<td>230V, 50/60Hz</td>
<td>EU</td>
<td>4.8 lbs. (2.2 kg)</td>
<td>7.9 x 10.4 x 3.3 in. (20 x 26.5 x 8.3 cm)</td>
<td>1</td>
</tr>
<tr>
<td>6787-SB</td>
<td>LSE digital dry bath</td>
<td>Single</td>
<td>230V, 50/60Hz</td>
<td>UK</td>
<td>4.8 lbs. (2.2 kg)</td>
<td>7.9 x 10.4 x 3.3 in. (20 x 26.5 x 8.3 cm)</td>
<td>1</td>
</tr>
<tr>
<td>6787-DB</td>
<td>LSE digital dry bath</td>
<td>Dual</td>
<td>230V, 50/60Hz</td>
<td>UK</td>
<td>4.8 lbs. (2.2 kg)</td>
<td>7.9 x 10.4 x 3.3 in. (20 x 26.5 x 8.3 cm)</td>
<td>1</td>
</tr>
<tr>
<td>6788-SB</td>
<td>LSE digital dry bath</td>
<td>Single</td>
<td>100V, 50/60Hz</td>
<td>JP</td>
<td>4.8 lbs. (2.2 kg)</td>
<td>7.9 x 10.4 x 3.3 in. (20 x 26.5 x 8.3 cm)</td>
<td>1</td>
</tr>
<tr>
<td>6788-DB</td>
<td>LSE digital dry bath</td>
<td>Dual</td>
<td>100V, 50/60Hz</td>
<td>JP</td>
<td>4.8 lbs. (2.2 kg)</td>
<td>7.9 x 10.4 x 3.3 in. (20 x 26.5 x 8.3 cm)</td>
<td>1</td>
</tr>
</tbody>
</table>

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

Accessories

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Description</th>
<th>Qty/Cs</th>
</tr>
</thead>
<tbody>
<tr>
<td>480116</td>
<td>Single block, 48 x 0.2 mL PCR tubes or 6 x 0.2 mL strips</td>
<td>1</td>
</tr>
<tr>
<td>480117</td>
<td>Single block, 20 x 2.0 mL tubes</td>
<td>1</td>
</tr>
<tr>
<td>480118</td>
<td>Single block, 24 x 0.5 mL tubes</td>
<td>1</td>
</tr>
<tr>
<td>480119</td>
<td>Single block, 24 x 1.5 mL tubes</td>
<td>1</td>
</tr>
<tr>
<td>480120</td>
<td>Single block, 35 x 6 mm tubes</td>
<td>1</td>
</tr>
<tr>
<td>480121</td>
<td>Single block, 20 x 10 mm tubes</td>
<td>1</td>
</tr>
<tr>
<td>480122</td>
<td>Single block, 20 x 12 mm tubes</td>
<td>1</td>
</tr>
<tr>
<td>480123</td>
<td>Single block, 20 x 13 mm tubes</td>
<td>1</td>
</tr>
<tr>
<td>480124</td>
<td>Single block, 12 x 15 mL centrifuge tubes</td>
<td>1</td>
</tr>
<tr>
<td>480125</td>
<td>Single block, 12 x 16 mm tubes</td>
<td>1</td>
</tr>
<tr>
<td>480126</td>
<td>Single block, 12 x 17 mm tubes</td>
<td>1</td>
</tr>
<tr>
<td>480127</td>
<td>Single block, 6 x 20 mm tubes</td>
<td>1</td>
</tr>
<tr>
<td>480128</td>
<td>Single block, 6 x 25 mm tubes</td>
<td>1</td>
</tr>
<tr>
<td>480129</td>
<td>Single block, 5 x 50 mL centrifuge tubes (for single block unit only)</td>
<td>1</td>
</tr>
<tr>
<td>480130</td>
<td>Single block, 96-well PCR microplate, skirted or nonskirted</td>
<td>1</td>
</tr>
<tr>
<td>480131</td>
<td>Dual block, 96-well microplate or 4 slides (for dual block unit only)</td>
<td>1</td>
</tr>
<tr>
<td>480132</td>
<td>Dual block, 96-well PCR microplate, skirted, or nonskirted (for dual block unit only)</td>
<td>1</td>
</tr>
<tr>
<td>480133</td>
<td>Dual block, 384-well PCR microplate (for dual block unit only)</td>
<td>1</td>
</tr>
</tbody>
</table>

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)

Digital Hot Plates

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Model</th>
<th>Voltage</th>
<th>Temperature Range</th>
<th>Dimensions (L x W x D)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6795-400D</td>
<td>PC-400D</td>
<td>120V/60Hz</td>
<td>5°C - 550°C</td>
<td>4.3 x 7.7 x 11 in. (10.8 x 19.7 x 28 cm)</td>
</tr>
<tr>
<td>6795-600D</td>
<td>PC-600D</td>
<td>120V/60Hz</td>
<td>5°C - 550°C</td>
<td>4.3 x 7.7 x 15.4 in. (11.75 x 19.7 x 39.1 cm)</td>
</tr>
<tr>
<td>6796-400D</td>
<td>PC-400D</td>
<td>230V/50Hz</td>
<td>5°C - 550°C</td>
<td>4.3 x 7.7 x 11 in. (10.8 x 19.7 x 28 cm)</td>
</tr>
<tr>
<td>6796-600D</td>
<td>PC-600D</td>
<td>230V/50Hz</td>
<td>5°C - 550°C</td>
<td>4.3 x 7.7 x 15.4 in. (11.75 x 19.7 x 39.1 cm)</td>
</tr>
<tr>
<td>6797-400D</td>
<td>PC-400D</td>
<td>100V/60Hz</td>
<td>5°C - 550°C</td>
<td>4.3 x 7.7 x 11 in. (10.8 x 19.7 x 28 cm)</td>
</tr>
<tr>
<td>6797-600D</td>
<td>PC-600D</td>
<td>100V/60Hz</td>
<td>5°C - 550°C</td>
<td>4.3 x 7.7 x 15.4 in. (11.75 x 19.7 x 39.1 cm)</td>
</tr>
<tr>
<td>6798-400D</td>
<td>PC-400D</td>
<td>230V/50Hz</td>
<td>5°C - 550°C</td>
<td>4.3 x 7.7 x 11 in. (10.8 x 19.7 x 28 cm)</td>
</tr>
<tr>
<td>6798-600D</td>
<td>PC-600D</td>
<td>230V/50Hz</td>
<td>5°C - 550°C</td>
<td>4.3 x 7.7 x 15.4 in. (11.75 x 19.7 x 39.1 cm)</td>
</tr>
</tbody>
</table>
### Digital Stirrers

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Model</th>
<th>Voltage</th>
<th>Stir Range (rpm)</th>
<th>Dimensions (L x W x D)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6795-410D</td>
<td>PC-410D</td>
<td>120V/60Hz</td>
<td>60 - 1,150</td>
<td>4.3 x 7.7 x 11 in. (10.8 x 19.7 x 28 cm)</td>
</tr>
<tr>
<td>6795-610D</td>
<td>PC-610D</td>
<td>120V/60Hz</td>
<td>60 - 1,150</td>
<td>4.6 x 7.7 x 15.4 in. (11.75 x 19.7 x 39.1 cm)</td>
</tr>
<tr>
<td>6796-410D*</td>
<td>PC-410D</td>
<td>230V/50Hz</td>
<td>60 - 1,150</td>
<td>4.3 x 7.7 x 11 in. (10.8 x 19.7 x 28 cm)</td>
</tr>
<tr>
<td>6796-610D*</td>
<td>PC-610D</td>
<td>230V/50Hz</td>
<td>60 - 1,150</td>
<td>4.6 x 7.7 x 15.4 in. (11.75 x 19.7 x 39.1 cm)</td>
</tr>
<tr>
<td>6797-410D</td>
<td>PC-410D</td>
<td>100V/60Hz</td>
<td>60 - 1,150</td>
<td>4.3 x 7.7 x 11 in. (10.8 x 19.7 x 28 cm)</td>
</tr>
<tr>
<td>6797-610D</td>
<td>PC-610D</td>
<td>100V/60Hz</td>
<td>60 - 1,150</td>
<td>4.6 x 7.7 x 15.4 in. (11.75 x 19.7 x 39.1 cm)</td>
</tr>
<tr>
<td>6798-410D</td>
<td>PC-410D</td>
<td>230V/50Hz</td>
<td>60 - 1,150</td>
<td>4.3 x 7.7 x 11 in. (10.8 x 19.7 x 28 cm)</td>
</tr>
<tr>
<td>6798-610D</td>
<td>PC-610D</td>
<td>230V/50Hz</td>
<td>60 - 1,150</td>
<td>4.6 x 7.7 x 15.4 in. (11.75 x 19.7 x 39.1 cm)</td>
</tr>
</tbody>
</table>

### Digital Stirring Hot Plates

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Model</th>
<th>Voltage*</th>
<th>Temperature/ Stir Range (rpm)</th>
<th>Dimensions (L x W x D)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6795-420D</td>
<td>PC-420D</td>
<td>120V/60Hz</td>
<td>5°C - 550°C/60 - 1,150</td>
<td>4.3 x 7.7 x 11 in. (10.8 x 19.7 x 28 cm)</td>
</tr>
<tr>
<td>6795-420KIT†</td>
<td>PC-420D</td>
<td>120V/60Hz</td>
<td>5°C - 550°C/60 - 1,150</td>
<td>4.3 x 7.7 x 11 in. (10.8 x 19.7 x 28 cm)</td>
</tr>
<tr>
<td>6795-620D</td>
<td>PC-620D</td>
<td>120V/60Hz</td>
<td>5°C - 550°C/60 - 1,150</td>
<td>4.6 x 7.7 x 15.4 in. (11.75 x 19.7 x 39.1 cm)</td>
</tr>
<tr>
<td>6795-620KIT†</td>
<td>PC-620D</td>
<td>120V/60Hz</td>
<td>5°C - 550°C/60 - 1,150</td>
<td>4.6 x 7.7 x 15.4 in. (11.75 x 19.7 x 39.1 cm)</td>
</tr>
<tr>
<td>6796-420D*</td>
<td>PC-420D</td>
<td>230V/50Hz</td>
<td>5°C - 550°C/60 - 1,150</td>
<td>4.3 x 7.7 x 11 in. (10.8 x 19.7 x 28 cm)</td>
</tr>
<tr>
<td>6796-620D*</td>
<td>PC-620D</td>
<td>230V/50Hz</td>
<td>5°C - 550°C/60 - 1,150</td>
<td>4.6 x 7.7 x 15.4 in. (11.75 x 19.7 x 39.1 cm)</td>
</tr>
<tr>
<td>6797-420D</td>
<td>PC-420D</td>
<td>100V/60Hz</td>
<td>5°C - 550°C/60 - 1,150</td>
<td>4.3 x 7.7 x 11 in. (10.8 x 19.7 x 28 cm)</td>
</tr>
<tr>
<td>6797-620D</td>
<td>PC-620D</td>
<td>100V/60Hz</td>
<td>5°C - 550°C/60 - 1,150</td>
<td>4.6 x 7.7 x 15.4 in. (11.75 x 19.7 x 39.1 cm)</td>
</tr>
<tr>
<td>6798-420D</td>
<td>PC-420D</td>
<td>230V/50Hz</td>
<td>5°C - 550°C/60 - 1,150</td>
<td>4.3 x 7.7 x 11 in. (10.8 x 19.7 x 28 cm)</td>
</tr>
<tr>
<td>6798-620D</td>
<td>PC-620D</td>
<td>230V/50Hz</td>
<td>5°C - 550°C/60 - 1,150</td>
<td>4.6 x 7.7 x 15.4 in. (11.75 x 19.7 x 39.1 cm)</td>
</tr>
</tbody>
</table>

*6795-420KIT and 6795-620KIT include the 120V stirring hot plate plus temperature controller, support rod, and stir bar retriever.

### Corning® Analog Hot Plates, Stirring Hot Plates, and Stirrers

#### PC-200 Hot Plates

Corning’s exclusive glass-ceramic Pyroceram® top is standard.
- Micro-chemistry size
- Hot top indicator light
- 2-year warranty

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Model</th>
<th>Power</th>
<th>Top Size</th>
<th>Temperature/ Size</th>
<th>Weight</th>
<th>Dimensions (H x W x D)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6795-200</td>
<td>PC-200</td>
<td>120V/60Hz/253W</td>
<td>4&quot; x 5&quot;</td>
<td>77°F-896°F (25°C-480°C)</td>
<td>4 lbs. (1.8 kg)</td>
<td>4.4 x 5.8 x 7.3 in. (11.2 x 14.7 x 18.5 cm)</td>
</tr>
<tr>
<td>6796-200*</td>
<td>PC-200</td>
<td>230V/50Hz/253W</td>
<td>4&quot; x 5&quot;</td>
<td>77°F-896°F (25°C-480°C)</td>
<td>4 lbs. (1.8 kg)</td>
<td>4.4 x 5.8 x 7.3 in. (11.2 x 14.7 x 18.5 cm)</td>
</tr>
<tr>
<td>6797-200</td>
<td>PC-200</td>
<td>100V/60Hz/253W</td>
<td>4&quot; x 5&quot;</td>
<td>77°F-896°F (25°C-480°C)</td>
<td>4 lbs. (1.8 kg)</td>
<td>4.4 x 5.8 x 7.3 in. (11.2 x 14.7 x 18.5 cm)</td>
</tr>
</tbody>
</table>

*230 volt 6796 hot plate comes with UK plug.

Visit [www.corning.com/lifesciences](http://www.corning.com/lifesciences) for additional product and technical information.
Corning Scholar® PC-170 Hot Plates
An economically priced hot plate that has a white enameled steel top plate that provides heat transfer up to 360°C. Dual heat shields dissipate heat and keep the case cool to the touch.
- Compact, saves on bench space
- UL/CUL approved
- 1-year warranty

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Model</th>
<th>Power</th>
<th>Top Size</th>
<th>Temperature</th>
<th>Weight</th>
<th>Dimensions (H x W x D)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6795-170</td>
<td>PC-170</td>
<td>120V/60Hz/250W/2.1A</td>
<td>5&quot; x 5&quot;</td>
<td>140°F - 680°F</td>
<td>3 lbs.</td>
<td>4 x 5 x 5 in.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>(60°C - 360°C)</td>
<td></td>
<td>(10.2 x 12.7 x 12.7 cm)</td>
</tr>
<tr>
<td>6796-170</td>
<td>PC-170</td>
<td>230V/50Hz/250W/1.1A</td>
<td>5&quot; x 5&quot;</td>
<td>140°F - 680°F</td>
<td>3 lbs.</td>
<td>4 x 5 x 5 in.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>(60°C - 360°C)</td>
<td></td>
<td>(10.2 x 12.7 x 12.7 cm)</td>
</tr>
<tr>
<td>6797-170</td>
<td>PC-170</td>
<td>100V/60Hz/250W/2.5A</td>
<td>5&quot; x 5&quot;</td>
<td>140°F - 680°F</td>
<td>3 lbs.</td>
<td>4 x 5 x 5 in.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>(60°C - 360°C)</td>
<td></td>
<td>(10.2 x 12.7 x 12.7 cm)</td>
</tr>
</tbody>
</table>

*230 volt 6796 hot plate comes with UK plug.

PC-220 Hot Plate/Stirrers
Hot plate/stirrer units come with Corning’s exclusive Pyroceram top.
- Micro-chemistry size
- Hot top indicator light
- Glass ceramic top
- 2-year warranty

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Model</th>
<th>Power</th>
<th>Top Size</th>
<th>Stir Range (rpm)</th>
<th>Temperature</th>
<th>Weight</th>
<th>Dimensions (L x W x D)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6795-220</td>
<td>PC-220</td>
<td>120V/60Hz/283W/2.4A</td>
<td>4&quot; x 5&quot;</td>
<td>60 - 1,100</td>
<td>77°F - 896°F</td>
<td>5.0 lbs.</td>
<td>4.4 x 5.8 x 7.3 in.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>(25°C - 480°C)</td>
<td>(2.3 kg)</td>
<td>(11.2 x 14.7 x 18.5 cm)</td>
</tr>
<tr>
<td>6796-220*</td>
<td>PC-220</td>
<td>230V/50Hz/288W/1.3A</td>
<td>4&quot; x 5&quot;</td>
<td>60 - 1,100</td>
<td>77°F - 896°F</td>
<td>5.0 lbs.</td>
<td>4.4 x 5.8 x 7.3 in.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>(25°C - 480°C)</td>
<td>(2.3 kg)</td>
<td>(11.2 x 14.7 x 18.5 cm)</td>
</tr>
<tr>
<td>6797-220</td>
<td>PC-220</td>
<td>100V/60Hz/280W/2.8A</td>
<td>4&quot; x 5&quot;</td>
<td>60 - 1,100</td>
<td>77°F - 896°F</td>
<td>5.0 lbs.</td>
<td>4.4 x 5.8 x 7.3 in.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>(25°C - 480°C)</td>
<td>(2.3 kg)</td>
<td>(11.2 x 14.7 x 18.5 cm)</td>
</tr>
</tbody>
</table>

*230 volt 6796 hot plate/stirrer comes with UK plug.

PC-210 Stirrers
PC-210 stirrers come with Corning’s Pyroceram® top.
- Micro-chemistry size
- 2-year warranty

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Model</th>
<th>Power</th>
<th>Top Size</th>
<th>Stir Range (rpm)</th>
<th>Temperature</th>
<th>Weight</th>
<th>Dimensions (L x W x D)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6795-210</td>
<td>PC-210</td>
<td>120V/60Hz/33W/0.3A</td>
<td>4&quot; x 5&quot;</td>
<td>60 - 1,100</td>
<td>4.5 lbs.</td>
<td>(2 kg)</td>
<td>4.4 x 5.8 x 7.3 in.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>(11.2 x 14.7 x 18.5 cm)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6796-210*</td>
<td>PC-210</td>
<td>230V/50Hz/38W/0.17A</td>
<td>4&quot; x 5&quot;</td>
<td>60 - 1,100</td>
<td>4.5 lbs.</td>
<td>(2 kg)</td>
<td>4.4 x 5.8 x 7.3 in.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>(11.2 x 14.7 x 18.5 cm)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6797-210</td>
<td>PC-210</td>
<td>100V/60Hz/30W/0.3A</td>
<td>4&quot; x 5&quot;</td>
<td>60 - 1,100</td>
<td>4.5 lbs.</td>
<td>(2 kg)</td>
<td>4.4 x 5.8 x 7.3 in.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>(11.2 x 14.7 x 18.5 cm)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*230 volt 6796 stirrer comes with UK plug.
PC-611 Stirrer
The PC-611 is designed to stir large volumes of liquid with ease. The stirrer is designed for 5 gallon vessels (19L) but can stir up to 10 gallons. This powerful stirring is achieved with a very compact design that conserves bench space. The stirrer uses a magnet that is constructed out of rare earth metals for exceptional coupling strength. The magnet’s strength also centers the stir bar quickly inside the vessel. Heavy duty motor and rugged plastic (ABS) top will provide years of reliable service. UL/CUL approved, one year warranty. Special features: The PC-611 achieves vigorous stirring with a more compact unit at a lower cost than competitive units. This high volume stirrer can handle many applications that previously required an overhead stirrer.

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Model</th>
<th>Power</th>
<th>Top Size</th>
<th>Stir Range (rpm)</th>
<th>Weight</th>
<th>Dimensions (L x W x D)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6795-611</td>
<td>PC-611</td>
<td>120V/50-60Hz/144W/1.2A</td>
<td>11” x 11”</td>
<td>100 - 1,500</td>
<td>11.0 lbs. (5 kg)</td>
<td>4.8 x 12.0 x 14.4 in. (1.9 x 4.7 x 5.7 cm)</td>
</tr>
</tbody>
</table>

Corning® Scholar® PC-171 Stirrer
The Corning Scholar PC-171 stirrer provides compact design, vigorous stirring with alternating current motor for longer life and rugged construction. UL/CUL approved, 1-year warranty.

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Model</th>
<th>Power</th>
<th>Top Size</th>
<th>Stir Range (rpm)</th>
<th>Weight</th>
<th>Dimensions (L x W x D)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6795-171</td>
<td>PC-171</td>
<td>120V/60Hz/30W/0.25A</td>
<td>5” x 5”</td>
<td>100 - 1,600</td>
<td>4 lbs. (1.8 kg)</td>
<td>3.2 x 5.0 x 5.0 in. (1.3 x 2 x 2 cm)</td>
</tr>
</tbody>
</table>

SS2I Stirrer
One-position slow speed stirrer with integral control to accommodate up to a 2L vessel. One-position model allows the user to spend less and save valuable bench space compared to multiple-position units. Integral speed control and glass-filled resin platform material.

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>440811</td>
<td>SS2I</td>
<td>120V/60Hz</td>
<td>10 - 150</td>
<td>1</td>
<td>2L</td>
<td>150</td>
<td>150 x 150</td>
<td>0.9</td>
<td>DC, stepper</td>
</tr>
</tbody>
</table>

SS10I Stirrer
One-position slow speed stirrer with integral control to accommodate up to a 10L vessel. Smooth reliable stirring at slow speeds helps promote healthy cell growth. Integral speed control and glass-filled resin platform material.

<table>
<thead>
<tr>
<th></th>
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<td>SS10I</td>
<td>120V/60Hz</td>
<td>10 - 150</td>
<td>1</td>
<td>10L</td>
<td>280</td>
<td>260 x 260</td>
<td>2.6</td>
<td>DC, stepper</td>
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SS4I Stirrer
Four-position slow speed stirrer with integral control to accommodate up to four 1L vessels. Multiple positions allow the user to duplicate stirring conditions in up to four vessels. Integral speed control and glass-filled resin platform material.

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<td>440814</td>
<td>SS4I</td>
<td>120V/60Hz</td>
<td>10 - 150</td>
<td>4</td>
<td>1L</td>
<td>130</td>
<td>260 x 260</td>
<td>3</td>
<td>DC, stepper</td>
</tr>
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</table>
MP4I, MP5I, and MP9I Multiple Position Stirrers with Integral Control

Corning now offers stirrers that stir up to nine vessels at the same time. These stirring platforms come in 4-, 5-, and 9-position models. The unit’s magnets and DC motor provide smooth, well-coupled stirring up to 2,000 rpm. The speed of all positions on the units is set simultaneously with the integral knob. Integral speed control and glass-filled resin platform material.

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Model</th>
<th>Power</th>
<th>Speed Range (rpm)</th>
<th>No. Pos.</th>
<th>Nom. Stir Vol. per Pos.</th>
<th>Max. Vessel Diam. (mm)</th>
<th>Dimensions (L x W x D) (mm)</th>
<th>Weight (kg)</th>
<th>Motor Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>440824</td>
<td>MP4I</td>
<td>120V/60Hz</td>
<td>350 - 2,000</td>
<td>4</td>
<td>1L</td>
<td>130</td>
<td>260 x 260 x 70</td>
<td>3.1</td>
<td>DC</td>
</tr>
<tr>
<td>440825</td>
<td>MP5I</td>
<td>120V/60Hz</td>
<td>350 - 2,000</td>
<td>5</td>
<td>400 mL</td>
<td>95</td>
<td>260 x 260 x 70</td>
<td>3.2</td>
<td>DC</td>
</tr>
<tr>
<td>440826</td>
<td>MP9I</td>
<td>120V/60Hz</td>
<td>350 - 2,000</td>
<td>9</td>
<td>250 mL</td>
<td>75</td>
<td>260 x 260 x 70</td>
<td>3.8</td>
<td>DC</td>
</tr>
</tbody>
</table>

Stir Bars and Stir Bar Retriever

Corning® magnetic stir bars are polytetrafluoroethylene (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.

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Description</th>
<th>Use with Model</th>
<th>Qty/Pk</th>
<th>Qty/Cs</th>
</tr>
</thead>
<tbody>
<tr>
<td>400430</td>
<td>Stir bar, 3/8” x 2”</td>
<td>PC-610D/620D</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>401435</td>
<td>Stir bar, 3/8” x 1”</td>
<td>PC-210/220/410D/420D</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>6970SR</td>
<td>Magnetic stir bar retriever</td>
<td>All Corning stirrers and hot plate/stirrers</td>
<td>1</td>
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</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Description</th>
<th>Use with Model</th>
<th>Qty/Pk</th>
<th>Qty/Cs</th>
</tr>
</thead>
<tbody>
<tr>
<td>6795-PR*</td>
<td>Temperature controller for digital hot plates and stirring hot plates</td>
<td>PC-400D/420D/600D/620D</td>
<td>1</td>
<td>1</td>
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<tr>
<td>6795KIT</td>
<td>Accessory kit includes: External temperature controller (Cat. No. 6795PR), 18” support rods (Cat. No. 440129), and stir bar retriever (Cat. No. 6970SR)</td>
<td>PC-400D/420D/600D/620D</td>
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<tr>
<td>440129</td>
<td>Stainless steel support rod, two 9” (45.7 cm) rods, 5/16” diameter. Rods can be screwed together to 18”</td>
<td>All digital and PC-200/210/220</td>
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</tr>
<tr>
<td>409831</td>
<td>Stainless steel support rod, 24” (61.0 cm), 5/16” diameter</td>
<td>PC-600D/610D/620D</td>
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<td>1</td>
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<tr>
<td>400084</td>
<td>Stainless steel support rod, 12” (30.5 cm), 5/16” diameter</td>
<td>All digital and PC-200/210/220</td>
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<td>1</td>
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<tr>
<td>440140†</td>
<td>Boss head clamp for use with 5/16” support rod and holding rod</td>
<td>All hot plates with 5/16” or smaller support rod</td>
<td>1</td>
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<tr>
<td>440141</td>
<td>Holding rod, thermocouple, stainless steel</td>
<td>All hot plates</td>
<td>1</td>
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</tbody>
</table>

*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.
### Catalog Number Index

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