

# Corning® Hot Plates and Stirrers

Working for You... Corning Precision

Life  
Sciences

**CORNING**  
Discovering Beyond Imagination

New  
Digital  
Units!



Introducing...

## Upgraded Hot Plates and Stirrers with the functionality you've been asking for...

► **Twin display stirring hot plate**

Truly affordable unit shows both temperature and stirring speed on separate digital displays to ensure accuracy time and time again.

► **Precise liquid temperatures and stirring speeds**

Temperature accuracy within  $\pm 2^{\circ}\text{C}$  and stirring speeds at  $\pm 5\%$  of the speed setting you choose

► **Digital displays**

Indicate when set temperature and stirring speeds are reached. Facilitate repeatability of standard operating procedures.

► **Safety indicators**

Power button and hot top indicators warn if unit is plugged in or is too hot to touch. Products have been independently tested and evaluated for compliance to product safety standards.

► **Angled front panel and large knobs**

Minimizes damage from spills and puts controls right at your fingertips

WITH  
PYROCERAM®  
TOP PLATES



## Temperature Accuracy in the Liquid

With the optional external temperature controller, you can measure accuracy to  $\pm 2^{\circ}\text{C}$ . Plug the controller into the back of the unit, insert the probe into the liquid, set the temperature on the digital display and the controller does the rest. With a controller, accuracy is assured in the liquid as opposed to the temperature of the plate top. You no longer have to keep checking the temperature with a thermometer and modifying the setting.

Blinking digital displays indicate when temperature or stirring speed is reached.



## Corning Durability and Quality... Some Things Never Change.

The new Corning® hot plates and stirrers are made with the same durability and quality Corning has been putting into Pyroceram® top products since 1964.

### Full Corning Pyroceram Top Product Line

Digital displays are only available on 5" x 7" and 10" x 10" models. All models include Pyroceram top and a two year warranty.

#### Hot Plates

Cat. No.	Model Number	Voltage	Temp. Range	Top Plate Size
<b>120V/60Hz</b>				
6795-400D	PC-400D	120V/60Hz	5-550°C	5" x 7" (12.7 x 17.8 cm)
6795-600D	PC-600D	120V/60Hz	5-550°C	10" x 10" (25.4 x 25.4 cm)
<b>100V/60Hz</b>				
6797-400D	PC-400D	100V/60Hz	5-550°C	5" x 7" (12.7 x 17.8 cm)
6797-600D	PC-600D	100V/60Hz	5-550°C	10" x 10" (25.4 x 25.4 cm)
<b>230V/50Hz</b>				
6798-400D	PC-400D	230V/50Hz	5-550°C	5" x 7" (12.7 x 17.8 cm)
6798-600D	PC-600D	230V/50Hz	5-550°C	10" x 10" (25.4 x 25.4 cm)



Model PC-400D shown

#### Stirrers

Cat. No.	Model Number	Voltage	Stir Range	Top Plate Size
<b>120V/60Hz</b>				
6795-410D	PC-410D	120V/60Hz	60-1150 RPM	5" x 7" (12.7 x 17.8 cm)
6795-610D	PC-610D	120V/60Hz	60-1150 RPM	10" x 10" (25.4 x 25.4 cm)
<b>100V/60Hz</b>				
6797-410D	PC-410D	100V/60Hz	60-1150 RPM	5" x 7" (12.7 x 17.8 cm)
6797-610D	PC-610D	100V/60Hz	60-1150 RPM	10" x 10" (25.4 x 25.4 cm)
<b>230V/50Hz</b>				
6798-410D	PC-410D	230V/50Hz	60-1150 RPM	5" x 7" (12.7 x 17.8 cm)
6798-610D	PC-610D	230V/50Hz	60-1150 RPM	10" x 10" (25.4 x 25.4 cm)



Model PC-410D shown



Model PC-420D shown

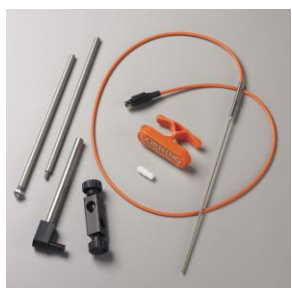
## Stirring Hot Plates

Cat. No.	Model Number	Voltage*	Temp./Stir Range	Top Plate Size
<b>120V/60Hz</b>				
6795-420D	PC-420D	120V/60Hz	60-1150RPM	5" x 7" (12.7 x 17.8 cm)
6795-420KIT†	PC-420D	120V/60Hz	60-1150RPM	5" x 7" (12.7 x 17.8 cm)
6795-620D	PC-620D	120V/60Hz	60-1150RPM	10" x 10" (25.4 x 25.4 cm)
6795-620KIT†	PC-620D	120V/60Hz	60-1150RPM	10" x 10" (25.4 x 25.4 cm)
<b>100V/60Hz</b>				
6797-420D	PC-420D	100V/60Hz	60-1150RPM	5" x 7" (12.7 x 17.8 cm)
6797-620D	PC-620D	100V/60Hz	60-1150RPM	10" x 10" (25.4 x 25.4 cm)
<b>230V/50Hz</b>				
6798-420D	PC-420D	230V/50Hz	60-1150RPM	5" x 7" (12.7 x 17.8 cm)
6798-620D	PC-620D	230V/50Hz	60-1150RPM	10" x 10" (25.4 x 25.4 cm)

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

## Accessories

Corning offers accessories and accessory kits, with and without a stirring hot plate, to make getting everything you need to start using your new hot plates and stirrers simple.



Hot Plate Accessories

Cat. No.	Description	Used With Models
6795PR*	Temperature Controller for digital hot plates & stirring hot plates	PC-400D/420D/600D/620D
6970SR	Stir Bar Retriever	For use with all models
6795KIT	Accessory Kit (includes 6795PR - External temperature controller, 440129 - Support rods, 18," 6970SR - Stir bar retriever)	PC-400D/420D/600D/620D
440129	Stainless Steel Support Rod – two 9" (45.7 cm) rods, 5/16" diameter. Rods can be screwed together to 18"	All digital and PC-200/210/220/400/410/420
409831	Stainless Steel Support Rod – 24" (61.0 cm), 7/16" diameter	PC-600/610/620
400084	Stainless Steel Support Rod – 12" (30.5 cm), 5/16" diameter	All digital and PC-200/210/220/400/410/420
440140†	Boss Head Clamp for use with 5/16" support rod & holding rod	All hot plates with 5/16" or smaller support rod
440141	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.

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