

Corning® Digital Hot Plates and Stirrers

CORNING

Control. Precision. Simplicity.

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

Features

- ▶ **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 the 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.



Ordering Information

Digital Hot Plates



Model PC-400D

Cat. No.	Model	Voltage	Temperature Range	Dimensions (L x W x D)
6795-400D	PC-400D	120V	5°C - 550°C	10.8 x 7.8 x 4.3 in. (27.5 x 19.7 x 10.9 cm)
6795-600D	PC-600D	120V	5°C - 550°C	4.625 x 11 x 15.375 in. (11.75 x 19.7 x 39.05 cm)
6796-400D*	PC-400D	230V	5°C - 550°C	10.8 x 7.8 x 4.3 in. (27.5 x 19.7 x 10.9 cm)
6796-600D*	PC-600D	230V	5°C - 550°C	4.625 x 11 x 15.375 in. (11.75 x 19.7 x 39.05 cm)
6797-400D	PC-400D	100V	5°C - 550°C	10.8 x 7.8 x 4.3 in. (27.5 x 19.7 x 10.9 cm)
6797-600D	PC-600D	100V	5°C - 550°C	4.625 x 11 x 15.375 in. (11.75 x 19.7 x 39.05 cm)
6798-400D**	PC-400D	230V	5°C - 550°C	10.8 x 7.8 x 4.3 in. (27.5 x 19.7 x 10.9 cm)
6798-600D**	PC-600D	230V	5°C - 550°C	4.625 x 11 x 15.375 in. (11.75 x 19.7 x 39.05 cm)

*Comes with EU and UK plug.
**Comes with EU plug only.

Digital Stirrers



Model PC-410D

Cat. No.	Model	Voltage	Temperature Range	Dimensions (L x W x D)
6795-410D	PC-410D	120V	60°C - 1,150°C	10.8 x 7.8 x 4.3 in. (27.5 x 19.7 x 10.9 cm)
6795-610D	PC-610D	120V	60°C - 1,150°C	4.625 x 11 x 15.375 in. (11.75 x 19.7 x 39.05 cm)
6796-410D	PC-410D	230V	60°C - 1,150°C	10.8 x 7.8 x 4.3 in. (27.5 x 19.7 x 10.9 cm)
6796-610D	PC-610D	230V	60°C - 1,150°C	4.625 x 11 x 15.375 in. (11.75 x 19.7 x 39.05 cm)
6797-410D	PC-410D	100V	60°C - 1,150°C	10.8 x 7.8 x 4.3 in. (27.5 x 19.7 x 10.9 cm)
6797-610D	PC-610D	100V	60°C - 1,150°C	4.625 x 11 x 15.375 in. (11.75 x 19.7 x 39.05 cm)
6798-410D	PC-410D	230V	60°C - 1,150°C	10.8 x 7.8 x 4.3 in. (27.5 x 19.7 x 10.9 cm)
6798-610D	PC-610D	230V	60°C - 1,150°C	4.625 x 11 x 15.375 in. (11.75 x 19.7 x 39.05 cm)

Digital Stirring Hot Plates



Model PC-420D

Cat. No.	Model	Voltage	Temperature/ Stir Range (rpm)	Dimensions (L x W x D)
6795-420D	PC-420D	120V	5°C - 550°C/60 - 1,150	10.8 x 7.8 x 4.3 in. (27.5 x 19.7 x 10.9 cm)
6795-420KIT†	PC-420D	120V	5°C - 550°C/60 - 1,150	10.8 x 7.8 x 4.3 in. (27.5 x 19.7 x 10.9 cm)
6795-620D	PC-620D	120V	5°C - 550°C/60 - 1,150	4.625 x 11 x 15.375 in. (11.75 x 19.7 x 39.05 cm)
6795-620KIT†	PC-620D	120V	5°C - 550°C/60 - 1,150	4.625 x 11 x 15.375 in. (11.75 x 19.7 x 39.05 cm)
6796-420D	PC-420D	230V	5°C - 550°C/60 - 1,150	10.8 x 7.8 x 4.3 in. (27.5 x 19.7 x 10.9 cm)
6796-620D	PC-620D	230V	5°C - 550°C/60 - 1,150	4.625 x 11 x 15.375 in. (11.75 x 19.7 x 39.05 cm)
6797-420D	PC-420D	100V	5°C - 550°C/60 - 1,150	10.8 x 7.8 x 4.3 in. (27.5 x 19.7 x 10.9 cm)
6797-620D	PC-620D	100V	5°C - 550°C/60 - 1,150	4.625 x 11 x 15.375 in. (11.75 x 19.7 x 39.05 cm)
6798-420D	PC-420D	230V	5°C - 550°C/60 - 1,150	10.8 x 7.8 x 4.3 in. (27.5 x 19.7 x 10.9 cm)
6798-620D	PC-620D	230V	5°C - 550°C/60 - 1,150	4.625 x 11 x 15.375 in. (11.75 x 19.7 x 39.05 cm)

†6795-420KIT and 6795-620KIT includes: One stirring hot plate (6795-420D in 6795-420KIT or 6795-620D in 6795-620KIT); external temperature controller (6795PR-CH); vertical support rod (440129-CH) supplied as two 9-inch (22.9 cm) support rods that can be screwed together (18 inches); stir bar retriever (69705R).

Available for purchase separately and not included in the Kits: Bosshead clamp (440140-CH) and holding rod (440141-CH).



Stir bar, 3/8" x 1"
(401435-CH)



Stir bar, 3/8" x 2"
(400430-CH)



Magnetic stir bar retriever
(6970SR)

Stir Bars and Stir Bar Retriever

Corning® magnetic stir bars are polytetrafluorethylene (PTFE)-coated for increased chemical resistance. The 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
401435-CH	Stir bar, 3/8" x 1"	PC-210/220/410D/420D
400430-CH	Stir bar, 3/8" x 2"	PC-610D/620D
6970SR	Magnetic stir bar retriever	All Corning stirrers and hot plate/stirrers
D0463-CH	PTFE magnet stir bar 1 x 2.5 cm	All Corning hot plates

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
6795PR-CH*	Temperature controller for digital hot plates and stirring hot plates	PC-400D/420D/600D/620D
6795KIT-CH	Corning Digital Hot Plate and Stirring Hot Plate Accessory Kit Includes: External temperature controller (6795PR-CH), 18" support rods (440129-CH), and stir bar retriever (6970SR).	PC-400D/420D/600D/620D
440129-CH	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
409831-CH	Stainless steel support rod, 24" (61.0 cm), 7/16" diameter	PC-600/610/620
400084-CH	Stainless steel support rod, 12" (30.5 cm), 5/16" diameter	All digital and PC-200/210/220
440140-CH†	Boss head clamp for use with 5/16" support rod and holding rod	All hot plates with 5/16" or smaller support rod
440141-CH	Temperature probe support clamp, thermocouple	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.

How to Purchase: For specific availability in your region and purchasing options, terms and conditions of sale, customer/product support, and certificates, visit www.corning.com/how-to-buy.

Warranty/Disclaimer: Unless otherwise specified, all products are for research use or general laboratory use only.* Not intended for use in diagnostic or therapeutic procedures. Not for use in humans. These products are not intended to mitigate the presence of microorganisms on surfaces or in the environment, where such organisms can be deleterious to humans or the environment. Corning Life Sciences makes no claims regarding the performance of these products for clinical or diagnostic applications. *For a listing of US medical devices, regulatory classifications or specific information on claims, visit www.corning.com/resources.

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