



Hotplates, Stirrers and Hotplate / Stirrer Models H4000H, H4000S and H4000HS Instruction Manual

SPECIFICATIONS

Top Plate: 19 x 19 cm (7.5 in. x 7.5") Ceramic coated stainless steel, white for maximum light reflection; Acid and alkali resistant, excellent flatness for maximum heat transfer. Rugged die cast aluminum body:

Dimensions: w x d x h 20.3 x 23.0 x 11.0 cm (8.0 x 9.0 x 4.3")

Temperature range: (heating models): approximately 65°C to 380°C

Speed range: (stirring models): 60 to 1500 rpm

Electronic controls for reliability and repeatability.

Electrical: Hotplate: 115V models: 115VAC, 60hz, 5A 230V models: 230VAC, 50Hz, 3A
Stirrer: 115V models: 115VAC, 60 Hz, 0.5A 230V models: 230VAC, 50 Hz, 0.5A
Hotplate / Stirrer: 115V models: 115VAC, 60Hz, 5A 230V models: 230VAC, 50 Hz, 3A



SET UP and SAFETY

- Install the accessory clamp rod (if this item is present) using the knob at the back of the unit.
- Make sure all controls are OFF (full counter clockwise on control knobs)
- Place the unit on a clean, flat surface and connect the cord to a properly grounded outlet.
- On heating units, make sure that nothing flammable can touch heating surface
- Use protective gloves and tongs with heating units, as surface and vessels can severely burn skin.
- On heating units, **Top surface REMAINS HOT and can SEVERELY BURN** after unit is turned off.
- Never heat or stir or use in the presence of explosive, combustible or flammable substances.
- Use ventilation hood when heating or stirring any substance generating toxic fumes.
- Units are not explosion proof. Use caution when heating volatile substances, top surface can reach "Flash Point Temperature" of many chemicals. Fire or explosion may result.
- Never immerse your unit in water. Serious shock or fire may result.
- Replace the top plate immediately if damaged by scratching or chipping. A damaged plate can shatter during use.

OPERATION

- Rotate the HEAT control knob clockwise to turn heating plate ON and to increase the heating level. The RED heat lamp will illuminate when power is applied to the heating plate. Rotate the HEAT control knob counterclockwise to reduce the heating level and to turn the heating plate OFF.

Note: Heating plate may be HOT, or remain HOT, when heat is turned off and lamp extinguished!!!!

- Rotate the SPEED control knob clockwise to turn stirrer ON and to increase stirring speed. The GREEN speed lamp will illuminate when power is applied to the stirring motor. Rotate the SPEED control knob counterclockwise to reduce the stirring speed and to turn the stirring motor OFF.

Warranty: One year from date of shipment

Product has a 1-year warranty against material defects and workmanship.