

Operations Manual

Item: MHS-800



Introduction:

Thank you for choosing this Sci-Basics product for your laboratory

This manual covers the Sci-Basics digital hotplates stirrer. **In order to ensure the safe operation of the equipment enclosed, please read this manual in its entirety before use.**

Specifications

Speed:	200-1500 rpm
Temperature:	Ambient +5°C – 380°C*
Platform Dimensions:	6.5" x 6.5"
Electrical:	115V/60Hz or 230V/60Hz
Power Consumption:	Max: 500W
Warranty:	2 Years

SCI-Basics™

Installation:

Prior to installation, please ensure all components are included within the carton and have arrived as expected. Please contact the supplier as soon as possible should there be any discrepancy.

Place your new Hotplate/Stirrer on a flat, level service with at least 4 inches (10cm) clearance on all sides. If desired, attach the optional support rod to the rear of the unit by screwing threaded end into designated hole. Attach proper power cord to the rear of unit and plug into a grounded outlet of appropriate voltage.



Voltage of outlet must match voltage listed on the label on rear of instrument. Failure to supply appropriate power may damage instrument and void warranty!

Control Panel - Hotplate/Stirrer Combination:



- A) Hot surface indicator light – Safety Warning
- B) Digital Display
- C) Temp. selection keys
- D) Speed control dial
- E) Start/Stop

Operation (Hotplate/Stirrer Combination):

- Turn power switch (rear of instrument) to on position ("I").
- Set stir speed by turning the dial. The set stir speed will appear on the top of the display. **To operate without stirring, set stir speed to zero.**
- Set temperature by using the up & down keys beneath the display. The set temperature will appear on the bottom of the display. **To operate without heating, set temperature to zero.**
- Once desired stir speed and temperature are set, press the selection knob to begin stirring and heating. The actual stir speed and temperature will begin to rise to the set parameters. Hot surface indicator lights at 50°C.



Caution: Hot surface! Once selection knob has been pressed, the surface of the instrument will begin to heat. Avoid bodily contact or personal injury may occur.

Control Panel - Hotplate and Stirrer:



- A) Hot surface indicator (Hotplate only)
- B) Digital Display
- C) Temp. control dial (Speed control in stirrer model)
- D) Start/Stop

Operation (Hot Plate):

- Turn power switch (rear of instrument) to on position ("I").
- Set temperature by turning the dial on the right.
- Set temperature will appear on bottom of display, with actual surface temperature appearing on top of display.
- Once desired temperature is set, press selection knob to begin heating. The actual temperature (top of display) will rise to match the temperature set on the bottom. Hot surface indicator lights at 50°C.



Caution: Hot surface! Once selection knob has been pressed, the surface of the instrument will begin to heat. Avoid bodily contact or personal injury may occur.

Operation (Stirrer):

- Turn power switch (rear of instrument) to ON position ("I").
- Set stir speed by turning the dial on the right.
- Set stir speed will appear on bottom of display, with actual stir speed appearing on top of display.
- Once desired stir speed is set, press selection knob to begin stirring. The actual stir speed (top of display) will rise to the selected stirring speed.

Maintenance:

- To ensure performance and longevity of the instrument, keep outer body and surface plate clean. Disconnect instrument from power source and use a lint free rag to wipe down all surfaces when cool. Do not immerse in water or spray cleaner directly on the instrument.
- The instrument is covered by a 2 year warranty. In the event of failure or defect, disconnect the unit from the power source and contact the manufacturer as soon as possible.

Troubleshooting:

	Check	Trouble Shooting
Not heating Or Not stirring	Check power Supply Cord	Plug firmly into socket
	Check Fuse	Replace Fuse

