

Packing list

Main unit × 1, Power Cord × 1, Operating Instructions × 1



Installation instructions

- 1) Unpack and place the magnetic stirrer on a stable and temperature resistant surface.
- 2) Ensure good working environment free of explosive, hazardous and flammable substances.
- 3) Place the stirrer at >10cm distance from the wall and other units if using multiple units together.
- 4) Keep away from the effect of high magnetic fields.
- 5) Do not cover the device. Ensure that the main power supply cable does not touch the hotplate.
- 6) Ensure that label indicated the correct voltage before connecting the device to power supply.
- 7) Do not operate the unit with a damaged power cord.
- 8) Connect the power cord to the unit in the socket provided.

1. External Temperature Sensor Installation

- 1) Install the external sensor probe into the rear plug terminal on the hotplate.
- 2) Ensure that the tip of the sensor is at least 5-10mm away from the bottom of the vessel.
- 3) If using the option probe support clamp, set up by mounting to the rear of the unit, ensure all joints are tight and mount the PT1000.
- 4) **NOTE:** If the external temperature sensor is not going to be used, ensure it is disconnected for the Hotplate Magnetic Stirrer completely.

2. Operating procedure

- 1) Switch Power ON, the instrument will start to self-check.
- 2) Mount a vessel with stirring liquid and suitable stirring bar onto the work plate.
- 3) Put the external sensor into the liquid if needed.
- 4) Temperature and stirring speed can be set using the two control knobs below the display panel.
- 5) Set the target temperature and start heating:
 - Set the temperature by rotating the temperature control knob **Heat** slowly to desired setting.
 - The set value is confirmed, and heating is switched “ON” by pressing the temperature control knob.
 - The LED displays the temperature value on the left-hand side during heating.
 - The heating function is switched “OFF” by pushing the same temperature control knob again.
- 6) Set the target stirring speed and start stirring:
 - Set the target speed by rotating the speed control knob **Stir** slowly to desired setting.
 - The set value is confirmed and stirring is switched “ON” by pushing the stirring control knob.
 - The LED displays the target speed value on the right-hand side during stirring.
 - The stirring function is switched “OFF” by pushing the same stirring control knob again.