

MS7-H550-Pro Hotplate Stirrer

7 inch square hotplate magnetic stirrers are widely used in chemical synthesis, physical and chemical analysis, bio-pharmaceuticals and other fields.

PID temperature technology precise controls heating process, rapidly reaches target temperature and enhances control accuracy, heating temperature up to 550°C.

7 inch square magnetic stirrers have glass ceramic plate extremely resistant to corrosion and easy to clean. The heating models are suitable for external temperature sensor PT1000, display and control actual medium temperature.



- LCD display for precise monitoring of speed and temperature
- Built-in PID controller ensures safe heating of the medium with overheating protection
- Max. heating plate temperature 550°C
- Glass ceramic work plate provides excellent chemical resistant performance and most efficient heat transfer
- External temperature control is possible by connecting the temperature sensor(PT1000) with an accuracy at $\pm 0.2^{\circ}\text{C}$
- Digital speed controlling, max. speed at 1500rpm
- Outstanding brushless DC motor enables more stirring power
- Two rotating knobs enable easy adjustment of speed and temperature
- The "HOT" warning will flash when the work plate temperature is above 50°C even when the hotplate is turned off
- Remote function provides PC control and data transmission

Specifications	MS7-H550-Pro
Work plate Dimension [W x D]	184x184mm (7 inch)
Work plate material	Glass ceramic
Motor type	Brushless DC motor
Motor rating input	18W
Motor rating output	10W
Power	1050W
Heating output	1000W
Voltage	100-120/200-240V 50/60Hz
Max. stirring quantity, [H ₂ O]	20L
Max. magnetic bar[length]	80mm
Speed range	0-1500rpm, resolution $\pm 1\text{rpm}$
Speed / Temp. display	LCD
Heating temperature range	Room Temp.-550°C, increment 1°C
Temperature control accuracy	$\pm 1^{\circ}\text{C}$ (<100°C) $\pm 1\%$ (>100°C)

Overheating protection	580°C
Temperature display accuracy	±0.1°C
External temperature sensor	PT1000 (accuracy ±0.2)
"Hot" warning	50°C
Data connector	RS232
Protection class	IP21
Dimension [WxDxH]	215x360x112mm
Weight	5.3kg

