

MS7-H550-Pro

**LCD Digital Magnetic Hotplate Stirrer
With 7 Inch Ceramic Plate**



Features

- LCD displays actual temperature & speed
- Built-in PID controller ensures safe heating of the medium with overheating protection
- Maximum heating plate temperature up to 550°C
- Glass ceramic work plate is resistant to corrosion and is easy to clean
- External temperature control is possible by connecting temperature sensor(PT1000) with an accuracy of $\pm 0.2^{\circ}\text{C}$
- Digital speed control with maximum range of 1500rpm
- Outstanding brushless DC motor offers more stirring power
- Two knobs enable easy adjustment of speed and temperature
- “HOT” warning flashes when work plate temperature is above 50°C even when hotplate is turned off
- Remote function provides PC control and data transmission

SPECIFICATION

Work plate Dimension [W x D]	184x184mm (7 inch)
Work plate material	Glass ceramic
Motor type	Brushless DC motor
Stirring positions	1
Max. stirring quantity,	20L
[H2O] Max. magnetic	80mm
bar[length] Speed range	100-1500rpm
Speed display	resolution±1rpm LCD
Temperature display	LCD

Heating temperature range	Room Temp.-550°C,1°C increment 1°C
Temperature control accuracy	±1°C(<100°C) ±1%(>100°C)
Overheating protection	580°C
Temperature display accuracy	±0.1°C
External temperature sensor	PT1000(accuracy ±0.2°C)
"Hot" warning	50°C
Data connector	RS232
Protection class	IP21
Motor rating input	18W
Motor rating output	10W
Power	1050W
Heating output	1000W
Voltage,Frequency	100-120/200-240V50/60Hz
Dimension [WxDxH]	215x360x112mm
Weight	5.3 kg
Timer function	-
Permissible ambient temperature and humidity	-40°C,80%RH



Overheating protection



External sensor



Chemical resistance



Wide range of accessories