

DLAB 550°C series magnetic stirrer is developed for demanding applications. It is widely used in chemical synthesis, physical and chemical analysis, bio-pharmaceuticals etc. Combining with glass ceramic work plate, brushless DC motor and external temperature sensor, the work plate temperature is optimized up to 550°C.



MS7-H550-Pro

LCD Digital Magnetic Hotplate Stirrer

Features

- 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

MS7-H550-S

LED Magnetic Hotplate Stirrer

Features

- LED display for precise monitoring of temperature
- A wide speed range of 0 to 1500rpm
- Max. Heating plate temperature 550°C
- External temperature control is possible by connecting the temperature sensor(PT1000) with accuracy at $\pm 0.2^{\circ}\text{C}$
- The "HOT" warning will flash if the work plate temperature is above 50°C





Overheating protection



External sensor



Wide range of accessories



Chemical resistance



Specifications

Work plate Dimension [W x D]	
Work plate material	
Motor type	
Stirring positions	
Max. stirring quantity, [H ₂ O]	
Max. magnetic bar[length]	
Speed range	
Speed display	
Temperature display	
Heating temperature range	
Temperature control accuracy	
Overheating protection	
Temperature display accuracy	
External temperature sensor	
"Hot" warning	
Data connector	
Protection class	
Motor rating input	
Motor rating output	
Power	
Heating output	
Voltage	
Dimension [WxDxH]	
Weight	
Permissible ambient temperature and humidity	

	MS7-H550-Pro
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, [H ₂ O]	20L
Max. magnetic bar[length]	80mm
Speed range	100-1500rpm resolution ±1rpm
Speed display	LCD
Temperature display	LCD
Heating temperature range	Room Temp.-550°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)
"Hot" warning	50°C
Data connector	RS232
Protection class	IP21
Motor rating input	18W
Motor rating output	10W
Power	1050W
Heating output	1000W
Voltage	100-120/200-240V 50/60Hz
Dimension [WxDxH]	215x360x112mm
Weight	5.3kg
Permissible ambient temperature and humidity	5-40°C, 80%RH

	MS7-H550-S
Work plate Dimension [W x D]	184x184mm (7 inch)
Work plate material	Glass ceramic
Motor type	Shaded pole motor
Stirring positions	1
Max. stirring quantity, [H ₂ O]	10L
Max. magnetic bar[length]	80mm
Speed range	0-1500rpm
Speed display	Scale
Temperature display	LED
Heating temperature range	Room temp.-550°C, increment 5°C
Temperature control accuracy	±10°C
Overheating protection	580°C
Temperature display accuracy	±1°C
External temperature sensor	PT1000 (accuracy ±0.2)
"Hot" warning	50°C
Data connector	-
Protection class	IP21
Motor rating input	15W
Motor rating output	1.5W
Power	1030W
Heating output	1000W
Voltage	100-120/200-240V 50/60Hz
Dimension [WxDxH]	215x360x112mm
Weight	4.5kg
Permissible ambient temperature and humidity	5-40°C, 80%RH