

## Hotplate Magnetic Stirrer



### Features:

- \* Digital temperature control with a maximum temperature of 400°C.
- \* The maximum rotation speed can reach 2000 rpm.
- \* The working plate with an aluminum die cast ceramic coated surface is highly resistant to chemical corrosion.
- \* It can be externally connected to a PT1000 temperature sensor to precisely control the sample temperature, with a temperature control accuracy of ±0.2°C.
- \* The LED display screen shows the temperature and rotation speed in real-time.
- \* Safety circuit design: automatic power cut-off when the heating plate overheats to protect laboratory safety.
- \* PID precise speed regulation ensures a smoother acceleration process and more accurate speed control.
- \* Simple and aesthetic appearance, compact and delicate body, light weight, and it does not take up much laboratory space.

### Technical Parameters:

Model	BK-MS400
Motor Type	DC brushless motor
Control Temp. Range	RT~400°C
Stirring Speed	150~2000rpm
Stirring Power	36W
Heating Power	650W
Temp. Display	LED
Rotation Display	LED
Heating Platform Material	Aluminum disc ceramic coating
Platform Size	165*165mm
Max Capacity	20L
Temp. Sensor	PT1000
Ambient Temp.&Humidity	Temperature: 5~40°C; humidity: ≤80%
Consumption	700W
Power Supply	AC100~240v, 50/60Hz
External Size(W*D*H)	175*285*116mm
Packing Size(W*D*H)	360*260*180mm
Net Weight	4.5kg
Gross Weight	5.4kg



MS-H-10



MS-H-11

### Features:

- \* Built-in temperature control system.
- \* The temperature and rotation speed can be accurately set through the digital display screen, and the temperature control range is wide.
- \* Rubber feet support, more stable.
- \* Configure temperature sensor PT100.
- \* With relay over temperature protection alarm, safe and convenient.

### Technical Parameters:

Model	MS-H-10	MS-H-11
Working Plate Size	180*180mm	φ150mm
Platform Material	Ceramic	Aluminum
Motor Type	DC brushless motor	
Number of Stirring Points	1	
Maximum Stirring Volume (water)	5L	
Stirrer Maximum Size	50mm	
Rotation Range	20-2000r/min	
Data Display	LED	LCD
Timing Range	0~9999min	
Heating Temperature Range	Room temperature~360.0°C	
Overheating Protection	360~400°C adjustable	
Temperature Display Accuracy	±0.1°C	
External Temperature Sensor	PT100 (accuracy ±0.6C) (Standard)	
Speed Control Accuracy	±10rpm	±1rpm
Protection Class	IP21	
Motor Power	20W	
Input Power	800W	400W
Power Supply	AC220V, 50/60Hz(Standard); AC110V, 50/60Hz(Optional, external transformer)	
External Size (L*W*H)	222*320*135mm	222*320*122mm
Net weight	4.2kg	3.9kg
Packing Size	300*410*210mm	
Gross Weight	7.6kg	6.0kg