

MS-H-S

Analog Magnetic Hotplate stirrer



Features

- Brushless DC motor is maintenance free and explosion-proof
- Digital temperature control up to 340°C
- Digital speed control up to 1500rpm
- Maximum stirring quantity of H₂O is 20L
- Safety circuits provide overheating protection
- External temperature control is possible by connecting the temperature sensor (PT 1000) with accuracy at $\pm 0.2^{\circ}\text{C}$
- Work plate with ceramic coating provides good chemical-resistant performance
- Remote function provides PC control and data transmission
- Wide variety of accessories available to choose



Chemical resistance



Brushless DC motor



External sensor



RS232 connector



Wide range of accessories

Specifications	MS-H-S
Work plate Dimension [W x D]	Ø135mm (5 inch)
Work plate material	stainless steel cover with ceramic coating
Motor type	Brushless DC motor
Stirring positions	1
Max. stirring quantity, [H ₂ O]	20L
Max. magnetic bar[length]	80mm
Speed range	0-1500rpm
Speed display	Scale
Temperature display	Scale
Heating temperature range	Room Temp.-340°C
Heating liquid temperature control accuracy	-
Overheating temperature protection	420°C
Temperature display accuracy	-
External temperature sensor	-
"Hot" warning	-
Data connector	-
Protection class	IP21
Timer function	-
Motor rating input	18W
Motor rating output	10W
Power	530W
Heating output	500W
Voltage,Frequency	100-120/200-240V, 50/60Hz
Dimension [WxDxH]	160x280x100mm
Weight	2.8kg
Permissible ambient temperature and humidity	5-40°C,80%RH

Security

- International safety certification: CE, CTÜVuS, FCC and other product safety cert,certifications issued by TUV Rheinland
- Safety circuits provide overheating protection
- "HOT" warning flashes if the work plate temperature is above 50°C
- Brushless DC motor is maintenance free and explosion-proof
- Fully enclosed aluminum alloy housing with good heat dissipation performance and reliable protection capability