

# 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 H<sub>2</sub>O is 20L
- Safety circuits provide overheating protection
- "HOT" warning flashes if plate temperature is above 50°C even when hotplate is turned off
- Wide range timer function from 1 min to 99h 59min (MS-H-Pro<sup>AT</sup> only)
- High-resolution LCD display shows actual temperatures and speed (MS-H-Pro<sup>AT</sup> displays the time)
- 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



## 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



External sensor



RS232 connector



Wide range of accessories



Chemical resistance



Brushless DC motor

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

