

MS-H-PRO^A

LCD Digital Magnetic Hotplate Stirrer

Three heating models for selecting (fast heating, standard heating and stable heating)



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
- "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^A only)
- High-resolution LCD display shows actual temperatures and speed (MS-H-Pro^A 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-PRO ^A
Work plate dimension	Ø135mm (5 inch)
Work plate material	High quality aluminum alloy
Motor type	Brushless DC motor
Stirring positions Max. stirring quantity,	1
Max. magnetic bar	20L
Stirrer length	80mm 100-1500rpm
Speed range	resolution ±1rpm
Speed display	LCD
Temperature display	LCD
Heating liquid	Room temperature to 410°C,
Temperature accuracy	±1°C(>100°C)
Temperature range	420°C
display accuracy	±0.1°C
Temperature sensor	(accuracy ±0.2°C)
"Hot" warning	50°C
Data connector	RS232
Protection class	IP21
Timer function	1min to 99h59min
Motor rating output	10W
Power	720W
Heating output	600W 100-120/200-240V,
Voltage,Frequency	50/60Hz
Dimension [WxDxH]	280x160x100mm
Weight	2.8kg
Operating environment	5-40°C,80%RH

