

Magnetic Hotplate Stirrers

- Brushless DC motors is maintenance free and explosion-proof.
- Digital temperature control with Max. Temperature at 340°C.
- Digital speed control with Max. Speed up to 1500rpm.
- Max. Stirring quantity of H₂O at 20L.
- Safety circuit provide overheating protection.
- The "HOT" warming will flash when the plate temperature is above 50°C even the hotplate is turned off.
- Wide range timer function from 1min to 99h 59min (MS-H-ProT only).
- The high speed resolution LCD display shows actual temperature and Speed (MS-H-ProT included the time).
- A wide range of accessories.
- Are available.



Capacity & Models	"MS-H-PRO+"	"MS-H-PROT"	"MS-H-S"
Work plate dimensions	Ø135mm (5 inch)	Ø135mm (5 inch)	Ø135mm (5 inch)
Work plate material	Stainless steel cover with ceramic	Stainless steel cover with ceramic	Stainless steel cover with ceramic
Motor type	Brushless DC motor	Brushless DC motor	Brushless DC motor
Motor rating input	18W	18W	18W
Motor rating output	10W	10W	10W
Power	550W	550W	530W
Heating output	500W	500W	500W
Voltage	100-120/200-240V 50/60Hz	100-120/200-240V 50/60Hz	100-120/200-240V 50/60Hz
Stirring positions	1	1	1
Max. stirring quantity[H ₂ O]	20L	20L	20L
Max. Magnetic bar [Length]	80mm	80mm	80mm
Speed range	100-1500rpm resolution± 1rpm	100-1500rpm resolution± 1rpm	0-1500rpm
resolution± 1rpm			
Speed display	LCD	LCD	Scale
Temperature display	LCD	LCD	Scale
Heating temperature range	Room temp -340° C,		
Increment 1°C	Room temp -340° C,		
Increment 1°C	Room temp -340° C,		
Temperature control accuracy	±1°C (<100°C)		
±1°C (>100°C)	±1°C (<100°C)		
±1°C (>100°C)			
Over temperature protection	360°C	360°C	350°C
Temperature display accuracy	±0.1°C	±0.1°C	±0.5°C
External temperature sensor	PT1000 (accuracy ±0.2)	PT1000 (accuracy ±0.2)	
"Hot" warming	50°C	50°C	
Timer function	-	-	1min to 99h 59min
Data connector	RS232	RS232	
Protection class	IP42	IP42	IP42
Dimension [W x D x H]	160 x 280 x 85mm	160 x 280 x 85mm	160 x 280 x 85mm
Weight	2.8kg	2.8kg	2.8kg
Permissible ambient temperature and humidity	5-40°C 80%	5-40°C 80%	5-40°C 80%

NOTE : Technical specifications & Design are subject to change without prior notice, due to continuous up gradation.

