



Specifications

	MS-H-PRO ⁺	MS-H-PRO ^T	MS-H-S
Work plate dimension	φ135mm(5 inch)	φ135mm(5 inch)	φ135mm(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%(>100°C)	±1°C(<100°C) ±1%(>100°C)	-
Over temperature protection	420°C	420°C	420°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" warning	50°C	50°C	-
Timer function	-	1min to 99h 59min	-
Data connector	RS232	RS232	-
Protection class	IP42	IP42	IP42
Dimension[WxDxH]	160×280×85mm	160×280×85mm	160×280×85mm
Weight	2.8kg	2.8kg	2.8kg
Permissible ambient temperature and humidity	5-40°C, 80%RH	5-40°C, 80%RH	5-40°C, 80%RH



Specifications

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Motor rating input
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Power
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Stirring positions
Max. stirring quantity[H ₂ O]
Max. magnetic bar[length]
Speed range
Speed display
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Heating temperature range
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Weight
Permissible ambient temperature and humidity

MS-H-PRO⁺

φ135mm(5 inch)
stainless steel cover with ceramic
Brushless DC motor
18W
10W
550W
500W
100-120/200-240V 50/60Hz
1
20L
80mm
100-1500rpm resolution±1rpm
LCD
LCD
Room temp.-340°C, increment 1°C
±1°C(<100°C) ±1%(>100°C)
420°C
±0.1°C
PT1000 (accuracy ±0.2)
50°C
-
RS232
IP42
160×280×85mm
2.8kg
5-40°C, 80%RH

MS-H-PRO^T

φ135mm(5 inch)
stainless steel cover with ceramic
Brushless DC motor
18W
10W
550W
500W
100-120/200-240V 50/60Hz
1
20L
80mm
100-1500rpm resolution±1rpm
LCD
LCD
Room temp.-340°C, increment 1°C
±1°C(<100°C) ±1%(>100°C)
420°C
±0.1°C
PT1000 (accuracy ±0.2)
50°C
1min to 99h 59min
RS232
IP42
160×280×85mm
2.8kg
5-40°C, 80%RH

MS-H-S

φ135mm(5 inch)
stainless steel cover with ceramic
Brushless DC motor
18W
10W
530W
500W
100-120/200-240V 50/60Hz
1
20L
80mm
0-1500rpm resolution±1rpm
Scale
Scale
Room temp.-340°C
-
420°C
±0.5°C
-
-
-
IP42
160×280×85mm
2.8kg
5-40°C, 80%RH

MS-H340-S4

LCD 4-Channel Digital Magnetic Hotplate Stirrer



It is widely used in chemical synthesis, physical and chemical analysis, bio-pharmaceuticals etc.

Features

- Independent heating and stirring control
- LCD display shows actual temperatures and speed
- PID controller ensures a precise and steady heating process, Max. temperature up to 340°C
- Brushless DC motor enables more powerful speed control
- External temperature sensor(PT1000) with accuracy at 0.2°C
- Overheating protection temperature at 420°C
- Stainless steel work plate with ceramic coating provides good chemical-resistant performance
- A wide variety of accessories are available

Specifications

	MS-H340-S4
Work plate dimension	Φ135mm (5inch)
Plate material	Stainless steel with ceramic coating
Motor type	Brushless DC motor
Motor rating input	1.8W×4
Power	515W×4
Heating Power	500W×4
Voltage	100-120V,60Hz; 200-240V,50 Hz
Stirring positions	4
Max. stirring quantity of single position (H ₂ O)	10L
Max. magnetic bar	40mm
Speed range	200-1500rpm
Speed display	LCD
Temperature display	LCD
Control accuracy of sensor	±20rpm
Temperature range	25-340°C
Over temperature protection	420°C
Temperature display accuracy	±0.1°C
External temp. sensor	PT1000 (Accuracy±0.2°C)
IP Protection class	IP21
Dimensions[WxDxH]	698×270×128mm
Weight	9.5kg
Permissible ambient temperature	5~40°C
Permissible relative humidity	80%RH