

LCD DIGITAL MAGNETIC HOTPLATE STIRRER







MS-H-Pro+

LCD Digital Magnetic Hotplate Stirrer

- Stainless steel with ceramic coated plate, resistant to corrosion and easy to clean
- Motor with electronic speed control, speed range of 100 to 1500rpm
- Separated safety circuit, heating temperature up to 340 °C, automatically stops heating once exceed secure temperature
- LCD displays target and actual temperatures, as well as set and actual speed
- External temperature sensor PT1000 is available and control accuracy of $\pm 1^{\circ}\text{C}$, real-time control medium temperature

SPECIFICATIONS	MS-H-PRO+
Electrical	100-120/200-240V, 50/60Hz, 550W
Stirring position	1
Max. stirring quantity[H ₂ O]	20 L
Max. magnetic bar[L]	80 mm
Motor type	DC brushless motor
Motor rating input/output	18/10 W
Speed range	100-1500 rpm
Speed display and accuracy	LCD, ± 1 rpm
Work plate material	Stainless steel with ceramic coated
Dimension of work plate	ϕ 135 mm
Heating output	500 W
Heating temperature range	RT-340 C
Temperature display	LCD
Temperature accuracy	$\pm 1(<100\text{ }^{\circ}\text{C})$, $\pm 1(>100\text{ }^{\circ}\text{C})$
Safety temperature	360 C
External temperature sensor	PT1000, $\pm 0,2\text{ }^{\circ}\text{C}$
Dimensions[W×D×H]	160×280×85 mm
Weight	2,8 kg
RS232 connection	Yes
Protection class acc. DIN EN60529	IP42
Work environment	5-40 °C, 80%RH

Accessories			
			
Temperature sensor	Temperature sensor support components	Reaction block	Protective cover

P/N	TYPE	DESCRIPTION
4499-0052	18900080	Reaction block, aluminum, for 50ml round flask
4499-0053	18900081	Reaction block, aluminum, for 100ml round flask
4499-0054	18900082	Reaction block, aluminum, for 250ml round flask
4499-0055	18900083	Reaction block, aluminum, for 500ml round flask
4499-0010	PT1000-A	Temperature sensor, 230mm length
4421-9900	PT1000-B	Temperature sensor with glass coated, 230mm length
4499-0011	18900017	Support clamp of PT1000, suitable for MS-H-Pro+
4499-0013	F101	Protective cover, for hotplate model, maximum temperature 135 °C

TYPE	DESCRIPTION	POWER SUPPLY	P/N
MS-H-Pro+	LCD digital magnetic hotplate stirrer, the heating temperature is up to 340 ° C, stainless steel with ceramic coated hotplate	Cn Plug, 200-240V/50Hz/60Hz	4421-3001
		Euro Plug, 200-240V/50Hz/60Hz	4421-3002
		UK Plug, 200-240V/50Hz/60Hz	4421-3003
		USA Plug, 100-120V/50Hz/60Hz	4421-3004