

MS-H-ProT LCD Digital Magnetic Hotplate Stirrer with Timer

DLAB 340°C magnetic hotplate stirrers include all leading safety standards and features for superior ease of use and are cost-effective. They are widely used in chemical synthesis, physical and chemical analysis, bio-pharmaceuticals, etc.

제품특징

- Brushless DC motor 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 circuits provide overheating protection
- The "HOT" warning will flash when the plate temperature is above 50°C even the hotplate is turned off
- Wide range timer function from 1min to 99h59min(MS-H-ProT only)
- The high-resolution LCD display shows actual temperatures and speed(MS-H-ProT include the time)
- External temperature control is possible by connecting the temperature sensor(PT 1000) with accuracy at $\pm 0.2^{\circ}\text{C}$
- Stainless steel work plate with ceramic coating providing good chemical-resistant performance
- Remote function provide PC control and data transmission
- A wide variety of accessories are available



제품사양

Model	MS-H-ProT	Model	MS-H-ProT
Cat No	8030201110	Speed display	LCD
Dimension of work plate	φ135mm (5 inch)	Temperature display	LCD
Work plate material	stainless steel cover with ceramic	Heating temperature range	Room temp.~340°C, increment 1°C
Motor type	Brushless DC motor	Control accuracy of work plate	$\pm 1^{\circ}\text{C}(<100^{\circ}\text{C})$; $\pm 1\%(>100^{\circ}\text{C})$
Motor rating input	18W	Over temperature protection	360°C
Motor rating output	10W	Temperature display accuracy	$\pm 0.1^{\circ}\text{C}$
Power	550W	External temperature sensor	PT1000 (accuracy ± 0.2)
Heating output	500W	"Hot" warning	50°C
Voltage	100-120/200-240V 50/60Hz	Timer function	1min~99h59min
Stirring positions	1	Data connector	RS232
Max. stirring quantity[H ₂ O]	20L	Protection class	IP42
Max. magnetic bar[length]	80mm	Dimension [W x D x H]	160×280×85mm
Speed range	100-1500rpm, resolution ± 1 rpm	Weight	2.8kg
Speed display	LCD	Permissible ambient temperature and humidity	5-40°C, 80%
Permissible ambient temperature and humidity	5-40°C, 80%		

Accessories



Red quarter pie, 11 holes, 4 mL reaction vessel, $\varnothing 15.2\text{mm}$, 20mm depth



Purple quarter pie, 4 holes, 20 mL reaction vessel, $\varnothing 28\text{mm}$, 24mm depth



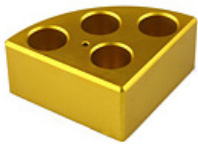
Blue quarter pie, 4 holes, 30mL reaction vessel, $\varnothing 28\text{mm}$, 30mm depth



Black quarter pie, 4 holes, 40mL reaction vessel, $\varnothing 28\text{mm}$, 43mm depth



Green quarter pie, 6 holes, 8mL reaction vessel, $\varnothing 17.8\text{mm}$, 26mm depth



Golden quarter pie, 4 holes, 16mL reaction vessel, $\varnothing 21.6\text{mm}$, 31.7mm depth



Support clamp of PT1000



PT1000-A, length of 230mm



PT1000-B, temperature sensor with glass coated, length of 230mm



Blue carrying plate, use with color quarter pies



Blue Fixed ring, use with color quarter pies



Reaction block for 50mL round bottom flask (one flask capacity)



Reaction block for 100mL round bottom flask (one flask capacity)



Reaction block for 250mL round bottom flask (one flask capacity)



Reaction block for 500mL round bottom flask (one flask capacity)



F101 protective cover, temperature resistance of 135°C