MS10-H500-Pro

LCD Digital Magnetic Hotplate Stirrer With 10 Inch Ceramic Plate

Features

- Large volume: Up to 30L of liquid on 10-inch hot plate with powerful magnetic stirring
- Glass ceramic work plate provides excellent chemical resistant performance and most efficient heat transfer
- LCD display for precise monitoring of speed and temperature. External temperature control is possible by connecting the temperature sensor (PT1000) with an accuracy at±0.2℃
- Digital speed control of 100 ~ 1500rpm
- Max. heating plate temperature 500℃
- The "HOT" warning will flash when the work plate temperature is above 50℃ even when the hotplate is turned off
- Data connector: The SD card records the instrument's running data in real time.
- Timing function: the running time of the instrument can be set.

Specifications	MS10-H500-Pro	MS7-H550-Pro	MS7-H550-S
Work plate Dimension [W x D]	254x254mm（10 inch）	184x184mm (7 inch)	184x184mm (7 inch)
Work plate material	Glass ceramic	Glass ceramic	Glass ceramic
Motor type	Brushless DC motor	Brushless DC motor	Shaded pole motor
Stirring positions	1	1	1
Max. stirring quantity, [H_2O]	30L	20L	10L
Max. magnetic bar[length]	80mm	80mm	80mm
Speed range	100-1500rpm，resolution±1rpm	100-1500rpm，resolution±1rpm	0-1500rpm
Speed display	LCD	LCD	Scale
Temperature display	LCD	LCD	LED
Heating temperature range	Room Temp.-500℃, increment 1℃	Room Temp.-550℃, increment 1℃	Room Temp.-550℃, increment 5℃
Temperature control accuracy	±1℃(<100℃)±1%(>100℃)	±1℃(<100℃)±1%(>100℃)	±10℃
Overheating protection	540℃	580℃	580℃
Temperature display accuracy	±0.1℃	±0.1℃	±1℃
External temperature sensor	PT1000(accuracy ±0.2℃)	PT1000(accuracy ±0.2℃)	PT1000(accuracy ±0.2℃)
"Hot" warning	50℃	50℃	50℃
Data connector	SD card	RS232	-
Protection class	IP20	IP21	IP21
Motor rating output	10W	10W	1.5W
Power	1700W	1050W	1030W
Heating output	1500W	1000W	1000W
Voltage,Frequency	100-120/200-240V，50/60Hz	100-120/200-240V，50/60Hz	100-120/200-240V，50/60Hz
Dimension [WxDxH]	328x424x138mm	215x360x112mm	215x360x112mm
Weight	7.2kg	5.3kg	4.5kg
Timer function	1min-99h59min	-	-
Permissible ambient temperature and humidity	5-40℃,80%RH	5-40℃,80%RH	5-40℃,80%RH

Overheating protection

External sensor

Chemical resistance

Wide range of accessories