Coming soon

DMS7-550M/DMS4-550/ DHP4-550/DMS4

NEW

Heated Magnetic Stirrer, Heating Plate, Magnetic Stirrer

Features

- Ceramic discs are extremely corrosion-resistant, resistant to strong acids and alkalis, and high temperatures, making it easy to clean accidental drips of solvents, oils, or other contaminants.
- The corrosion-resistant all-metal housing provides good heat dissipation and reliable fire protection.
- High-efficiency infusion platform and waterproof edge design prevents liquid from entering the interior of the machine and corroding electronic components.
- Selected high-temperature resistant strong magnetic magnet, strong stirring, suitable for viscous liquid stirring.
- Heating modes are divided into: A rapid heating mode,
- B standard heating mode, C stable heating mode, to meet different customer needs.
- Safety locks to prevent accidental changes in operating conditions.
- Buzzer: When the machine malfunctions, or the timer function counts down to the end of the buzzer will emit a "drip drip drip" sound.
- Residual heat warning function, when the disc temperature is higher than 50 °C, turn off the heating, the screen will have a "HOT" flashing prompt, even if the power off, the display is still "HOT" flashing to remind the high temperature.
- Two independent safety circuits are designed to continuously monitor the equipment. When overheating occurs, the sensor fails, the machine reports an error and stops heating, and when the line is short-circuited, the machine automatically cuts off the power supply to protect the operator's safety.
- DC brushless motor, no spark, long life; low noise, maintenance-free, smooth running.
- The LCD displays the set and real-time values of speed, time and temperature in an intuitive and clear manner.
- Timing function, timing range 1min-99h59min, countdown to the end of the stop heating, will not stop stirring, so as not to heat damage to the sample.
- Remote control function with PC connection.
- Safety temperature can be set.



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Specifications	DMS7-550M	DMS4-550	DHP4-550	DMS4
Work plate Dimension [W x D]	184x184mm（7 inch）	100x100mm（4 inch）	100x100mm（4 inch）	100x100mm(4 inch)
Work plate material	Glass ceramic	Glass ceramic	Glass ceramic	Glass ceramic
Motor type	Brushless DC motor	Brushless DC motor	-	Brushless DC motor
Stirring positions	1	1	-	1
Max. stirring quantity, [H_2O]	20L	10L	-	10L
Max. magnetic bar[length]	80mm	40mm	-	40mm
Speed range	50~1500rpm，increment 1rpm	50~1500rpm，increment 1rpm	-	50~1500rpm，increment 1rpm
Speed display	LCD	LCD	-	LCD
Temperature display	LCD	LCD	LCD	LCD
Heating temperature range	Room Temp.-550°C，increment1°C	Room Temp.-550°C，increment1°C	Room Temp.-550°C，increment1°C	-
Temperature control accuracy	±1°C(<100°C) ±1%(>100°C)	±1°C(<100°C) ±1%(>100°C)	±1°C(<100°C) ±1%(>100°C)	-
Overheating protection	580°C	580°C	580°C	-
Temperature display accuracy	0.1°C	0.1°C	0.1°C	-
"Hot" warning	50°C	50°C	50°C	-
Data connector	RS232	RS232	RS232	RS232
Protection class	IP21	IP21	IP21	IP21
Timer function	1min-99h59min	1min-99h59min	1min-99h59min	1min-99h59min
Motor rating output	10W	10W	-	10W
Power	1050W	430W	400W	30W
Heating output	1000W	380W	380W	-
Voltage,Frequency	100-120/200-240V，50/60Hz	100-120/200-240V，50/60Hz	100-120/200-240V，50/60Hz	100-120/200-240V，50/60Hz
Dimension [WxDxH]	360x230x110mm	270x175x108mm	270x175x108mm	270x175x108mm
Weight	4.3kg	2.2kg	1.8kg	1.8kg
Permissible ambient temperature and humidity	5-40°C, 80%RH	5-40°C, 80%RH	5-40°C, 80%RH	5-40°C, 80%RH