

Multi-position Hotplate Magnetic Stirrer



MS-H280-S4



MS-H280-S6

Features:

- * 4/6 channels with independently control of start/stop, temperature, speed and display for better parallel experiment control.
- * Ceramic coating aluminum work plate with fast heat transmission and strong resistance to corrosion.
- * Powerful, rapid heating with accurate PID temperature control.
- * Spark-free DC brushless motor with extended life and no maintenance.
- * Compatible with various heating block or reaction vessels for a variety of application scenario
Ultra space-saving with 4/6 channel integrated in one instrument.
- * "HOT" warning flashes on the LCD display if the work plate temperature is above 50°C after the user turn off the power switch.
- * Two independent safety circuits keep monitoring the instrument.
- * Reliable safety mechanism, competent with tasks without human surveillance.

Technical Parameters:

Model	MS-H280-S4	MS-H280-S6
Work Plate Dimension	φ134mm	φ134mm
Work Plate Material	Aluminum with ceramic coating	Aluminum with ceramic coating
Motor Type	Brushless DC motor	Brushless DC motor
Motor Rating Output	5W*4	5W*6
Heating Power	600W*4	600W*6
Total Power	605W*4	605W*6
Power Supply	100-120V,60Hz;200-240V,50Hz	100-120V,60Hz;200-240V,50Hz
Stirring Positions	4	6
Max. Stirring Quantity (H2O)	3L*4	3L*6
Max. Stirring Quantity (H2O) Per Channel	3L	3L
Speed Range	200-1500rpm	200-1500rpm
Speed Control Accuracy [rpm]	±20	±20
Speed Display	LCD	LCD
Temperature Display	LCD	LCD
Heating Temperature Range	25-280°C	25-280°C
Overheating Protection	420°C	420°C
Temperature Display Resolution	0.1°C	0.1°C
Temperature Control Accuracy	±1°C(<100°C),±1%(>100°C)	±1°C(<100°C),±1%(>100°C)
External Temperature Sensor	PT1000(accuracy±0.2°C)	PT1000(accuracy±0.2°C)
IP Protection Class	IP21	IP21
Product Dimension	701*265*127mm	564*523*127mm
Net Weight	8.7Kg	12.7Kg
Permissible Ambient Temperature and Humidity	5~40°C, 80% RH	5~40°C, 80% RH
Packing Size	810*390*250mm	640*600*230mm
Gross Weight	10.8Kg	16.2Kg