

DMS5-280/DMS5-120

LED Digital Display Heating Magnetic Stirrer

Dual temperature sensor bracket design, adjusting PT1000 at various angles to prevent interference.

Ceramic-coated aluminum disc surface, fast heat transfer, corrosion-resistant, and wear-resistant.

LED displays the rotation speed, speed range: 50-1500 rpm.

NEW

Touch panel with button sound prompts, and indicator lights for temperature and speed operation.

LED displays the temperature, temperature range: room temperature to 280°C.



Features

- LED precisely displays temperature and speed.
- Minimum speed starts at 50 rpm, with smooth operation.
- Residual heat warning: When the disc surface temperature exceeds 50°C, heating is turned off, and the screen will flash "HOT" as a reminder. Even if the power is turned off, the display will continue to flash "HOT" to indicate high temperature.
- Strong magnetic force.

Specifications	DMS5-280	DMS5-120
Power Supply [VAC/Hz]	100-120V/200-240V, 50/60Hz	100-120V/200-240V, 50/60Hz
Power [W]	610W	610W
Stirring positions	1	1
Max. stirring quantity, (H ₂ O) [L]	5L	5L
Max. magnetic bar length [mm]	40mm	40mm
Motor type	Brushless DC motor	Brushless DC motor
Motor rating input [W]	5W	5W
Motor rating output [W]	3W	3W
Speed range [rpm]	50 – 1500; increment: 10rpm	50 – 1500; increment: 10rpm
Speed display	LED	LED
Work plate material	Aluminum with ceramic coating	Aluminum with ceramic coating
Work plate Dimension [mm]	Ø135mm	Ø135mm
Heating output [W]	600W	600W
Heating temperature range [°C]	Room Temp.-280°C	Room Temp.-120°C
Temperature display	LED	LED
Temperature display accuracy [°C]	±1°C	±1°C
Overheating protection [°C]	320°C	320°C
External temperature sensor	PT1000	PT1000
External temperature sensor temperature control accuracy [°C]	±0.2°C	±0.2°C
"Hot" warning	50°C	50°C
Dimension [W×D×H] [mm]	260mm×150mm×100mm	260mm×150mm×100mm
Weight [kg]	1.8kg	1.8kg
Permissible ambient temperature and humidity [°C]	5–40, 80%RH	5–40, 80%RH
Protection class	IP21	IP21