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7 Inch LED Digital Magnetic Hotplate Stirrer

Features:

- LED digital displays the target and actual speed and temperature
- Independent digital wheels adjust the speed and temperature
- Temperature is up to 510°C and the safety temperature is 50-550°C
- PID controller provides rapid heating and ensures long-time continuous operation
- Stainless steel with ceramic coated heating plate can be resistant to high temperature, impact, and thermal shock
- Fully enclosed alloy casing provides high temperature resistance, excellent heat dissipation and its baking finish enhances the chemical resistance.
- Powerful stirring performance supports large stirring quantities up to 20L (H2O) and ensures a stable running of 5L (H2O) with the Φ8.5*50mm stirring bar at the max. speed of 1500rpm
- The external temperature sensor PT1000 enables precise control accuracy of ±1°C
- Double over-temperature protection by the hardware and software provides high safety and reliability
- Hot surface warning at 50°C to prevent burns
- Digital process timer allows for unsupervised operation and can be set from 0 to 99h59m

Specifications:

Model	**MI0102005**
Stirring position	1
Set-up plate dimensions [mm]	185*185
Set-up plate material	Stainless steel with ceramic coated
Motor type	Brushless DC Motor
Max. stirring quantity (H2O) [L]	20
Max. stirring bar [L x Φ, mm]	80*Φ9.5
Motor rating input [W]	25
Motor rating output [W]	17
Speed range [rpm]	50-1500

Speed display	LED
Heating output [W]	1000
Heating temperature range [°C]	Room temp.- 510
Temperature display	LED
Temperature display accuracy [°C]	±0.1
Safety temperature [°C]	50-550
External temperature sensor	PT1000
Control accuracy with external temperature sensor PT1000 [°C]	±1
Control accuracy with internal temperature sensor PT1000 [°C]	±1(<100°C)，1%(≥100°C)
Hot surface warning	50°C
Time display	LED
Time range	0-99h59m
Dimensions [W x D x H, mm]	220 x 350 x 100
Protection class according to DIN EN60529	IP42
Permissible ambient temperature [°C]	5 - 40
Permissible relative humidity	80%
Voltage [VAC]	200-240/100-120
Frequency [Hz]	50/60
Power[W]	1050