5" Magnetic Hotplate Stirrer (Economy version)

MI0102003

Features

- LED digital display for easy reading
- Hot surface warning to prevent burns
- High safety and strong stirring performance
- 3D digital wheel adjustment of speed and temperature
- Brushless DC motor is maintenance free and explosion proof
- Temperature is up to 280°C and the safety temperature is 50-320°C
- Double internal temperature sensor PT1000 and one external PT1000
- Enclosed heating plate design reduces the risk of liquid splashing into the equipment
- Optimized PID program control provides extremely high accuracy of temperature and speed
- Automatically identifies temperature sensor PT1000 and transfer to PT1000 operation mode
- Stainless Steel with ceramic coated heating plate allows for optimum heat transfer and easy to clean

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Specifications	
Model	MI0102003
Stirring position	1
Set-up plate dimensions [mm]	Ø 137
Set-up plate material	Stainless Steel with ceramic coated
Motor type	DC motor
Max. stirring quantity [H_2O, L]	5
Max. stirring bar [L x Φ, mm]	55x10
Motor rating output [W]	1.4
Speed range[rpm]	100-1500
Speed display	LED
Heating output [W]	600
Heating temperature range	Room temp.-280°C
Temperature display	LED
Temperature display resolution	0.1
Safety temperature [°C]	50-320
External temperature sensor	Optional
Temperature control accuracy with external temperature sensor	±1
Hot surface warning	50°C
Permissible ambient temperature [°C]	5 - 40
Permissible relative humidity	80%
Protection class according to DIN EN 60529	IP 42
Voltage [VAC]	200-240/100-120
Frequency [Hz]	50/60
Power [W]	630
Dimensions [W x D x H, mm]	268 x 160 x 85
Weight [kg]	1.8