

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.

Optional Accessories

PT1000



Stand with support clamp



STIRRING

5" Magnetic Hotplate Stirrer (Economy version)

MI0102003

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 ₂ O, 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