

MAGD18 Magnetic Stirrer with Glass Nano Ceramic Hotplate

 Max. temp.
550°C

Download
Catalogue



Temperature range RT to 550°C

Temperature PID regulated by two pieces contact digital thermometer built in plate or external for liquid type Pt1000 A class



Digital Temperature Control

Inner and outer temperature control, Pt1000 sensor A Class integrated control function , with high precision liquid or heating surface temperature measuring



Auto Tuning Function

Auto tuning function is perfect solution to adjust your instrument and baker to the optimum heating and stirring performance



Glass nano Ceramic Hotplate

High quality heating and mixing ceramic surface with high temperature and chemical resistant



Large LCD Display with backlight

Easy to read imported and actual data. Display of mixing speed and temperature on the LCD display

- Magnetic Stirrer with Heating is mainly used for the need of large Quantitative high temperature stirring occasions, the disk surface temperature can reach a maximum of 550 °C, and has a precise control of the temperature of the sample, no washout temperature characteristics. It can be connected to the COLO Lab assistant software, which can record the whole process of the experiment.
- Chemical resistant coating
- Brushless DC motor
- Magnetic stirrer with temperature probe
- Maximum motor input/output power [W]: 18/10
- Equipped with heat indicator, for high safety by Hot Display, even when device is switched off.
- Powerful stirring up to 20l
- One mixing position
- Magnet size (L×Ø) 80×10mm
- White glass nano ceramic Hotplate
- Sturdy metal housing, for the purchase of 10 pieces, the customer can choose the color of the housing
- RS232 to control the stirrer and display all parameters on the PC
- Accuracy of temperature control (°C): ±1 (below 100 °C) ±1 (above 100 °C)
- Allowed ambient temperature: 5-40 °C
- Support rod and clamp, EU-plug
- The possibility of placing the support rod on the left and right side of the stirrer.

| | MAGD18 | | |
|---|--------------------------------------|---------------------------------------|---------------------------|
| Size of Working Plate | 184×184 mm | Temperature Control Accuracy | ±0.1°C |
| Work Plate Material | Stainless Steels Glass Nano Ceramics | Temperature Range | Room temperature to 550°C |
| Rotation Speed Range | 100-1500rpm | Temperature setting step | 1 °C |
| Timing Range | 99 hrs 59 mins | Motor Input/Output Power | 24V/30W |
| Configuring Sensors | PT1000 | Input Power | 200V-240V AC50/60HZ |
| Accuracy of temperature control with temperature sensor | ±0.2 °C | Heating Power | 1000W |
| IP code | IP 21 | Rated capacity | 1050W |
| Max. stirring capacity (H ₂ O) | 20L | Software for Connecting to a Computer | Yes |
| Max. Stirrer Size | 80mm | Dimension (W×D×H) | 215×360×112mm |
| Safety Temperature | 580°C | Weight | 5.3Kg |

Please note

If this Magnetic Stirrer does not match the specific needs of your application, or some options are not listed for sale, please feel free to contact us. Our manufacturing engineers will come up with technical solutions to meet your needs. We reserve the right to change technical specifications at any time.

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COLO LabExperts



Laboratory Equipment production and Distribution

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