

Averis Magnetic Hotplate Stirrer

Averis products are carefully selected from leading world-wide manufacturers and offer outstanding performance and value. All our Averis products are put through their paces by our product team and fully inspected by our engineers. Please contact us if you have any questions or require technical application support.

The AGV-MS-H280-Pro round ceramic coated Steel Hotplate/Stirrer has a double LED display and heats up to 280°C, with a stirring speed range of 200–1500rpm. Heating and stirring are controlled independently and each function can be used separately or in combination. This unit connects to a PT1000 external temperature sensor enabling real-time monitoring of the temperature of the sample being stirred, rather than the plate temperature. It can stir up to 3L of liquid with a maximum viscosity of 100mPas. For samples with a 100-300mPas, it is recommended that the unit is operated at a speed of no more than 500-600rpm. For samples with a viscosity greater than 300mPas, we recommend the use of an overhead stirrer.



CE ISO 9001

Technical Specifications:

| | | | |
|--|--------------------------------|--|--------------------|
| Voltage [VAC] | 100–120V | Temperature range [°C]. | Room temp. – 280°C |
| Frequency | 50/60 Hz | Temperature display [°C]. | LED |
| Power | 515W | Temperature display accuracy | ±1°C |
| Stirring position. | 1 | Safety temperature of the hotplate. | 320°C |
| Max. viscosity [H ₂ O L]. | 3 | Temperature sensor in medium | PT1000 |
| Max. magnetic bar | 50 x 10mm | Control accuracy of heating temp. with temperature sensor. | ±0.5°C |
| Motor | DC brushless | Residual heat warning | 50°C |
| Max. power input of motor | 5W | Dimensions | 220 x 160 x 95mm |
| Max. power output of motor. | 3W | Weight | 1.4kg |
| Speed range [rpm] | 200-1500 | Permitted ambient temperature | 5–40°C |
| Speed display | LED | Permitted relative humidity. | 80% |
| Plate material | Ceramic coated stainless steel | Protection class acc. To DIN 60529 | IP21 |
| Dimensions of Ceramic Plate | Diameter 135mm | RS232 interface | Yes |
| Heating power. | 500W | | |

Ordering Information:

| PART# | DESCRIPTION | QTY |
|-----------------|--|--------|
| AGV-MS-H280-Pro | Averis Magnetic Hotplate Stirrer, 110 Volt | 1 Each |

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