

Hei-Tec



A digital display enables full process monitoring and precise setting of all parameters

- This unit features a digital display and allows for easy setting and monitoring of values in the illuminated readout
- For your protection an independent safety circuit will switch off heating if hotplate temperature exceeds 25 °C over set temperature
- Digital speed setting from 100 to 1,400 rpm at an accuracy of $\pm 2\%$ and temperature setting up to 300 °C
- A separate on/off switch for heating prevents an unintentional heat-up. If heating is switched on the on/off button is illuminated for visual control. In addition, a residual heat indicator prevents from burning hazards when heat function is switched off
- An illuminated button indicates clearly if the stirring mode is activated
- Upgrade this magnetic stirrer with the optional Pt 1000 temperature sensor for precise temperature control, overshoot protection and reproducible results
- To protect your sample from overheating a safety circuit switches off heating if the temperature sensor is not immersed in your media vessel

Hei-Tec - Technical Data

Analog / digital interface	-
Permissible ambient conditions	5 - 31 °C at 80 % rel. humidity 32 - 40 °C decreasing linearly up to max. 50 % rel. humidity
Weight	2.9 kg
Protection class DIN EN 60529	IP 32
Drive	EC-motor
Timer	-
Display	digital
Rotation speed range	100 - 1,400 rpm
Max. stirring capacity (H ₂ O)	20 l
Dimensions (w/d/h)	173 x 277 x 94
Speed accuracy	±2 %
Heating power	800 W
Hotplate temperature	20 - 300 °C
Medium temperature, max.	250 °C
Accuracy temperature setting	±1 °C
External temperature sensor	Pt 1000
Temperature accuracy with external temp. sensor	±1 °C
Sensor breakage protection	With Pt 1000
Temperature control	Micro controller
Temperature accuracy hotplate	±5 °C
Residual heat indicator	1
Safety circuit hotplate	25 °C over hotplate temperature
Max. Load	25 kg
Power consumption	820 W
Plate diameter ø	145 mm

Plate material	Kera-Disk® (Silumin with ceramic coating)
Operating Mode	continuous
Smooth start	1



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The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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