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 ± 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 (H2O)	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	continous
Smooth start	1