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

Permissible ambient conditions5 - 31 °C at 80 % rel. humidity 32 - 40 °C decreasing linearly up to max. 50 % rel. humidityWeight2.9 kgProtection class DIN EN 60529IP 32DriveEC-motorTimer-DisplaydigitalRotation speed range100 - 1,400 rpmMax. stirring capacity (H2O)201Dimensions (w/d/h)173 x 277 x 94Speed accuracy±2 %Heating power800 WHotplate temperature20 - 300 °CAccuracy temperature setting±1 °CExternal temperature setting±1 °CSensor breakage protectionWith Pt 1000Temperature accuracy with external temp. ensor±1 °CSensor breakage protection1Safety circuit hotplate25 °C over hotplate temperatureMax. Load25 %C over hotplate temperatureMax. Load25 %C over hotplate temperaturePhote consumption820 W	Analog / digital interface	-
Protection class DIN EN 60529IP 32Protection class DIN EN 60529IP 32DriveEC-motorTimer-DisplaydigitalRotation speed range100 - 1,400 rpmMax. stirring capacity (H2O)20 IDimensions (w/d/h)173 x 277 x 94Speed accuracy±2 %Heating power800 WHotplate temperature20 - 300 °CAccuracy temperature, max.250 °CAccuracy temperature setting±1 °CExternal temperature sensorPt 1000Temperature accuracy with external temp. sensor±1 °CSensor breakage protectionMicro controllerTemperature accuracy hotplate±5 °CResidual heat indicator1Safety circuit hotplate25 °C over hotplate temperatureMax. Load25 kgPower consumption820 W	Permissible ambient conditions	decreasing linearly up to max. 50 % rel.
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Safety circuit hotplate25 °C over hotplate temperatureMax. Load25 kgPower consumption820 W	Temperature accuracy hotplate	±5 °C
Max. Load25 kgPower consumption820 W	Residual heat indicator	1
Power consumption 820 W	Safety circuit hotplate	25 °C over hotplate temperature
	Max. Load	25 kg
Plate diameter ø 145 mm	Power consumption	820 W
	Plate diameter ø	145 mm



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





Wolf Laboratories Limited

www.wolflabs.co.uk

Tel: 01759 301142

Fax:01759 301143

sales@wolflabs.co.uk



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