

Hei-Tec

P/N: 505-30000-00



Stirring and heating with Pt1000

Hei-Tec is the classic model among magnetic stirrers. It enables users to gently stir up to 1,400 rpm and to heat up to a temperature of 300°C with a high degree of precision. These features, along with its robust construction and sophisticated functionalities such as key illumination, encompass our mantra of “Research made easy!”

The patented Kera-Disk® footprint made of anodized aluminum, is chemically resistant, scratch-proof, and has a diameter of 145 mm. This unique size makes it suitable for use with many accessories and samples on a small footprint. The material used also enables the fastest heating times.

The Hei-Tec magnetic stirrer provides a digital display for setting your desired temperature exactly to the degree. This precise temperature without overshooting is controlled by two selectable heating modes (FAST/PRECISE) and the optional external temperature sensor Pt1000.

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 mm
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	Pt1000
Temperature accuracy with external temp. sensor	±1 °C
Sensor breakage protection	With Pt1000
Temperature control	Micro controller
Temperature accuracy hotplate	±5 °C
Residual heat indicator	yes
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	yes