

Hei-Connect

P/N: 036110601



Stirring and heating with full control

In our proven Hei-PLATE magnetic stirrer line, the Hei-Connect combines gentle stirring (up to 1,400 rpm) with a precise heating function (up to 300 °C). Unique in its robust design and secure functionality, this model stands out with additional features giving you complete control and an easy, accurate documentation of your process parameters.

The unique Kera-Disk[®] footprint 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 anodized aluminum from which it is made enables the fastest possible heating times.

The Hei-Connect 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.

To facilitate process control and documentation, the Hei-Connect is equipped with a timer and an RS 232 interface. The free Hei-Control Software is included in the scope of delivery.

Hei-Connect - Technical Data

Analog / digital interface	yes (RS 232)
Permissible ambient conditions	5 - 31 °C at 80 % rel. humidity 32 - 40 °C decreasing linearly up to max. 50 % rel. humidity
Weight	kg
Protection class DIN EN 60529	IP 32
Drive	EC-motor
Timer	yes
Display	digital
Rotation speed range	100 - 1,400 rpm
Max. stirring capacity (H ₂ O)	20 l
Dimensions (w/d/h)	173 × 277 × 94 mm
Speed accuracy	± 2 %
Heating power	600 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 Pt 1000
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	825 W
Plate diameter ø	145 mm

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