

Hei-Connect with Pt1000 temperature sensor (V4A)

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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.

- This variant includes the Pt1000 temperature probe

Hei-Connect - Technical Data

Overheat protection	no, but error message
Analog / Digital interface	digital (RS 232)
Permissible ambient conditions	5 – 31 °C up to 80 % rel. humidity, 32 – 40 °C up to 50 % rel. humidity (decreasing linearly)
Weight	2.9 kg
Protection class (EN 60529)	IP 32
Drive	EC-motor
Timer	yes
Display	digital
Rotation speed range	100 – 1,400 rpm
Maximum stirring capacity (H ₂ O)	20 l
Power input	825
Temperature range	20 – 300 °C
Temperature measurement accuracy	-
Dimensions (w/d/h)	173 x 277 x 94 mm
Speed accuracy	± 2 %
Heating power	800
Accuracy temperature setting	± 1 K with sensor
External temperature sensor	Pt1000
Temperature accuracy hotplate	± 5 °C
Residual heat indicator	yes
Maximum load	25 kg
Plate diameter ø	145 mm
Plate material	Kera-Disk® (Silumin with ceramic coating)
Operating mode	continuous
Speed range	-
Overvoltage category	–

Connection	L + N + PE
Acoustic pressure	< 70 dB (A)
Heating control	Micro controller
Installation altitude	2,000 m
EMC class	–
Protection class IEC 61140	I
Protection class IEC 60529	-
Usable surface heating plate	-
Degree of pollution	-
Temperature measurement resolution	-
Rated Voltage	-