

Hei-Connect

P/N: 505-40000-00



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

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| 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 | 8.8 kg |
| Protection class (EN 60529) | IP 32 |
| Drive | EC-motor |
| Timer | yes |
| Display | digital |
| Rotation speed range | 100 – 1,400 rpm |
| Max. stirring capacity (H ₂ O) | 8 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 |
| Max. Load | 8 kg |
| Plate diameter ø | 145 mm |
| Plate material | Kera-Disk® (Silumin with ceramic coating) |
| Operating Mode | continuous |
| Speed range | - |
| Overvoltage Category | – |

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|------------------------------------|------------------|
| 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 | - |