

## Hei-Connect



- The Hei-Connect comes with an additional RS 232 interface
- Monitor and control your process with the Hei-Control software or your own program
- Benefit from reproducible results and the option to program ramps and interval processes
- Hei-Control software included in the scope of delivery
- 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  $\pm 2\%$  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
- The timer function allows you to define expiry times for the heating and rotation functions separately. At the end of the process an acoustic signal sounds

## Hei-Connect - Technical Data

|                                                 |                                                                                              |
|-------------------------------------------------|----------------------------------------------------------------------------------------------|
| Analog / digital interface                      | yes (digital)                                                                                |
| 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                                           | 1                                                                                            |
| Display                                         | digital                                                                                      |
| Rotation speed range                            | 100 - 1,400 rpm                                                                              |
| Max. stirring capacity (H <sub>2</sub> O)       | 20 l                                                                                         |
| Dimensions (w/d/h)                              | 173 x 277 x 94                                                                               |
| 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                     | Pt 1000                                                                                      |
| 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                         | 1                                                                                            |
| 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   | 1                                         |



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The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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