

Hei-VAP Core - motor lift model with coated G5 dry ice condenser

P/N: 572-01510-00



An operating concept that is focused on the essentials: clear and with access to the basic parameters rotation speed and heating bath temperature at any time.

- Clear digital display showing actual and set values
- Two separate knobs with dynamic control for setting the rotation speed and heating bath temperature: fast turning for large jumps, slow turning for precise setting of the set values
- Accidental changing of the values can be prevented by the lock function
- Intuitive LED ring light system makes activated functions clearly visible even from a distance
- Easy adjustment of the immersion depth up to 155 mm and the inclination angle from 20° to 80°
- Standby function and residual heat warning at heating bath temperatures above 50 °C
- Motor lift model with transparent plastic coated G5 dry ice condenser
- The standby button stops all functions and, when using a motor lift model, lifts the evaporating flask from the heating bath.

[Learn about the differences between this configuration with a G3XL condenser in combination with a recirculating chiller.](#)

Hei-VAP Core - Technical Data

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| Rotation speed indicator | 3.5" LCD Display |
| Permissible ambient conditions | 5 – 31 °C at 80 % rel. humidity 32 – 40 °C decreasing lineary up to max 50% rel. humidity |
| Protection class (EN 60529) | IP 20 |
| Lift | Motor lift |
| Height adjustment speed | 25 mm/s |
| Height adjustment | 100 mm |
| Drive | brushless DC motor with electronic speed control |
| Heating capacity | 1000 W |
| Temp. range heating bath | 20 – 210 °C |
| Temperature accuracy bath | ±1K |
| Overheat protection bath | cut-off at 5 °C over set temperature via separate PT 1000 |
| Bath temperature setting | 3.5" LCD Display |
| Heating bath temperature control | electronic / digital |
| Secondary overtemp. cut off | 100 °C |
| Material heating bath | stainless steel V4A |
| Diameter heating bath | 100 mm |
| Volume heating bath | Up to 6 liter (2.2 to 4.5 liter recommended filling volume, depending on the flask size and immersion angle used) |
| Display vapor temperature | - |
| Required accessories for display vapor temperature | - |
| Integrated vacuum controller | - |
| Timer | - |
| Programmable ramps | - |
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| Supply Power | 1500 W |
| Weight without glassware assembly | 15 kg |
| Dimensions with glassware set G3 (w/d/h) | 739 x 432 x 845 mm |
| Dimensions with glassware set G3 XL (w/d/h) | 739 x 432 x 920 mm |
| Condensing surface | 1000 cm ² |
| Condensing surface XL condenser | 1000 cm ² |
| Max. size evaporating flask | 1 l |
| Rotation speed range | 10 - 280 rpm |
| Integrated Hei-CHILL controller | - |
| Vacuum program Dynamic AUTOaccurate requires AUTOaccurate sensor | - |
| Solvent library | - |