

Hei-VAP Expert Control - motor lift model with G3 XL vertical glassware

P/N: 574-02305-00



Adds numerous smart features to the Hei-VAP Expert, as well as an overview of all parameters and the current process

- 5" touch display for controlling the entire system including the vacuum and the cooling temperature
- Motor lift model with G3 XL vertical glassware - achieve higher evaporation rates due to expanded cooling surface of 2,200 cm²
- For precise monitoring, the pictogram on the display also symbolizes active functions
- Separate knobs for quick access: the right one for direct vacuum control, the left one for the rotation
- Setting of values either via the touch display or the separate quick access knobs
- Direct access to two favorites on the start screen
- Expandable solvent library. You can also transfer your own favorites to other devices using a USB stick
- Define and save own evaporation processes (ramps)
- Automatically evaporate with the Dynamic AUTOaccurate Program (DAA). Convenient and customizable: from foam avoidance to highly efficient evaporation
- With USB and Micro SD interface for easy installation of software updates and transfer of

individual favorites from one device to another

Hei-VAP Expert Control - Technical Data

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|--|---|
| Rotation speed indicator | 5" LCD color graphic 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 | 5" LCD color graphic 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 | Yes |
| Required accessories for display vapor temperature | Vapor temperature sensor |
| Integrated vacuum controller | Yes |
| Timer | Yes |
| Programmable ramps | Yes |
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| Supply Power | 1500 W |
| Weight without glassware assembly | 15 kg |
| Dimensions with glassware set G3 (w/d/h) | 739 x 477 x 887 mm |
| Dimensions with glassware set G3 XL (w/d/h) | 739 x 477 x 920 mm |
| Condensing surface | 1000 cm ² |
| Condensing surface XL condenser | 1500 cm ² |
| Max. size evaporating flask | 1 l |
| Rotation speed range | 10 - 280 rpm |
| Integrated Hei-CHILL controller | Yes |
| Vacuum program Dynamic AUTOaccurate requires AUTOaccurate sensor | Yes |
| Solvent library | Yes |