

## Hei-VAP Expert - hand lift model with coated G3 XL vertical glassware



Precise setting of rotation speed and heating bath temperature on the digital touch display or – for quick access during an active process – directly via the knobs on the operating panel.

- Central operating panel with 5" touch display
- Hand lift model with transparent plastic coated G3 XL vertical glassware - achieve higher evaporation rates due to expanded cooling surface of 2,200 cm<sup>2</sup>
- Clear display of all values (Basic and Advanced modes)
- With timer, limitation of max. temperature, multilingual menu and text display for error messages
- Separate knobs for rotation and heating with locking function to prevent accidental readjusting
- LED ring lights and pictogram to display the activity even from a distance
- Integrated solvent library to facilitate adjustment of the required vacuum on an external vacuum controller
- USB and Micro SD interfaces

- Optional display of vapor temperature
- Subsequent upgrade to Hei-VAP Expert Control possible, including vacuum and chiller control

## Hei-VAP Expert - Technical Data

|                                                    |                                                                                              |
|----------------------------------------------------|----------------------------------------------------------------------------------------------|
| Rotation speed indicator                           | 5" LCD color graphic display                                                                 |
| Permissible ambient conditions                     | 5 – 31 °C at 80 % rel. humidity<br>32 – 40 °C decreasing lineary up to max 50% rel. humidity |
| Protection class DIN EN 60529                      | IP 20                                                                                        |
| Lift                                               | Hand lift                                                                                    |
| Height adjustment speed                            | manual                                                                                       |
| Height adjustment                                  | 155 mm                                                                                       |
| Drive                                              | brushless DC motor with electronic speed control                                             |
| Heating capacity                                   | 1,300 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                        | 250 °C                                                                                       |
| Material heating bath                              | stainless steel AISI 316L                                                                    |
| Diameter heating bath                              | 255 mm                                                                                       |
| Volume heating bath                                | 4.5 l                                                                                        |
| Display vapor temperature                          | Yes                                                                                          |
| Required accessories for display vapor temperature | Vapor temperature sensor                                                                     |
| Integrated vacuum controller                       | -                                                                                            |
| Timer                                              | Yes                                                                                          |
| Programmable ramps                                 | Yes                                                                                          |
| Supply Power                                       | 1,400 W                                                                                      |
| Weight without glassware assembly                  | 16 kg                                                                                        |

|                                                         |                         |
|---------------------------------------------------------|-------------------------|
| Dimensions with glassware set G3 (w/d/h)                | max. 739 x 477 x 845 mm |
| Dimensions with glassware set G3 XL (w/d/h)             | max. 739 x 477 x 920 mm |
| Condensing surface                                      | 1,400 cm <sup>2</sup>   |
| Condensing surface XL condenser                         | 2,200 cm <sup>2</sup>   |
| Max. size evaporating flask                             | 5 l                     |
| Rotation speed range                                    | 10 - 280 rpm            |
| Integrated Hei-CHILL controller                         | -                       |
| Vacuum program DAA mode<br>requires AUTOaccurate-Sensor | -                       |
| Solvent library                                         | Yes                     |



# WolfLabs

**Pricing on any accessories shown can be found by keying the part number into the search box on our website.**

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.

**[www.wolflabs.co.uk](http://www.wolflabs.co.uk)**

**Tel : 01759 301142**

**Fax : 01759 301143**

**[sales@wolflabs.co.uk](mailto:sales@wolflabs.co.uk)**

Please contact us if this literature doesn't answer all your questions.