

Hei-VAP Ultimate - hand lift model with G3 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 7" touch display
- Hand lift model with G3 vertical glassware
- 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 plus LAN / RS 232 interfaces (Lab 4.0 ready)
- Optional display of vapor temperature
- Subsequent upgrade to Hei-VAP Ultimate Control possible, including vacuum and chiller control

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Hei-VAP Ultimate - Technical Data

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| Rotation speed indicator | 7" 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 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 | 7" 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 |

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|---|-------------------------|
| 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 ² |
| Condensing surface XL condenser | 2,200 cm ² |
| Max. size evaporating flask | 5 l |
| Rotation speed range | 10 - 280 rpm |
| Integrated Hei-CHILL controller | - |
| Vacuum program DAA mode requires AUTOaccurate-Sensor | - |
| Solvent library | Yes |

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