

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



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

- 7" touch display for controlling the entire system including the vacuum and the cooling temperature
- Motor lift model with transparent plastic coated G5 dry ice condenser
- 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
- USB and Micro SD plus LAN / RS 232 interfaces (Lab 4.0 ready)

Hei-VAP Ultimate Control - 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 | Motor lift |
| Height adjustment speed | 30 mm/s |
| 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 | Yes |
| 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 407 x 845 mm |
| Dimensions with glassware set G3 XL (w/d/h) | max. 739 x 407 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 | Yes |
| Vacuum program DAA mode requires AUTOaccurate-Sensor | Yes |
| Solvent library | Yes |



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