

## Hei-VAP Ultimate - motor lift model with coated G3 XL vertical glassware

P/N: 576-01315-00



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
- Motor 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 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



## Hei-VAP Ultimate - Technical Data

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	25 mm/s
Height adjustment	∅∅∅ mm
Drive	brushless DC motor with electronic speed control
Heating capacity	∅∅∅∅∅ 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	∅∅∅ °C
Material heating bath	stainless steel AISI 316L
Diameter heating bath	∅∅∅ 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	∅∅∅∅∅ 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	10000 cm <sup>2</sup>
Condensing surface XL condenser	10000 cm <sup>2</sup>
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	Yes