

## Hei-VAP Expert Control - motor lift model with G6 vertical glassware



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 G6 vertical glassware for reflux distillation
- 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

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 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	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	Yes
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 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 <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	Yes
Vacuum program DAA mode requires AUTOaccurate-Sensor	Yes
Solvent library	Yes





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