Hei-VAP Ultimate Control - motor lift model with G3 XL vertical glassware P/N: 036041072



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 G3 XL vertical glassware achieve higher evaporation rates due to expanded cooling surface of 2,200 cm²
- 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

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 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 255 mm Volume heating bath 4.5 I Display vapor temperature Yes Required accessories for display vapor temperature sensor temperature Integrated vacuum controller Yes Programmable ramps Yes Supply Power 1,400 W Weight without glassware assembly 15 kg	Rotation speed indicator	7" LCD color graphic display
Lift Motor lift Height adjustment speed 25 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 V4A Diameter heating bath 255 mm Volume heating bath 4.5 I Display vapor temperature Yes Required accessories for display vapor temperature Integrated vacuum controller Yes Timer Yes Programmable ramps Yes Supply Power 1,400 W	Permissible ambient conditions	32 – 40 °C decreasing lineary up to max 50%
Height adjustment speed Height adjustment 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 biameter heating bath Volume heating bath 4.51 Display vapor temperature Required accessories for display vapor temperature Integrated vacuum controller Yes Programmable ramps Yes Supply Power 1,400 W	Protection class DIN EN 60529	IP 20
Height adjustment Drive brushless DC motor with electronic speed control Heating capacity 1,300 W Temp. range heating bath 20 - 210 °C Temperature accuracy bath \$\pmathrm{\frac{\pmathrm{\	Lift	Motor lift
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 V4A Diameter heating bath 255 mm Volume heating bath 4.5 I Display vapor temperature Yes Required accessories for display vapor temperature sensor temperature Integrated vacuum controller Yes Programmable ramps Yes Supply Power 1,400 W	Height adjustment speed	25 mm/s
Heating capacity 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 biameter heating bath 255 mm Volume heating bath 4.5 I Display vapor temperature Yes Required accessories for display vapor temperature Integrated vacuum controller Yes Programmable ramps Yes Supply Power 1,400 W	Height adjustment	155 mm
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 V4A Diameter heating bath 255 mm Volume heating bath 4.5 I Display vapor temperature Yes Required accessories for display vapor temperature lintegrated vacuum controller Yes Timer Yes Programmable ramps Yes Supply Power 1,400 W	Drive	·
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 V4A Diameter heating bath 255 mm Volume heating bath 4.5 I Display vapor temperature Yes Required accessories for display vapor temperature sensor Integrated vacuum controller Yes Programmable ramps Yes Supply Power 1,400 W	Heating capacity	1,300 W
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Diameter heating bath Volume heating bath 4.5 I Display vapor temperature Required accessories for display vapor temperature Integrated vacuum controller Yes Timer Yes Programmable ramps Yes Supply Power 1,400 W	Secondary overtemp. cut off	250 °C
Volume heating bath Display vapor temperature Required accessories for display vapor temperature sensor Integrated vacuum controller Yes Timer Yes Programmable ramps Yes Supply Power 4.5 I Yes Vapor temperature sensor Vapor temperature sensor Yes 1,400 W	Material heating bath	stainless steel V4A
Display vapor temperature Required accessories for display vapor temperature sensor Integrated vacuum controller Yes Timer Yes Programmable ramps Yes Supply Power Yes 1,400 W	Diameter heating bath	255 mm
Required accessories for display vapor temperature sensor Integrated vacuum controller Yes Timer Yes Programmable ramps Yes Supply Power 1,400 W	Volume heating bath	4.5
Integrated vacuum controller Yes Timer Yes Programmable ramps Yes Supply Power 1,400 W	Display vapor temperature	Yes
Timer Yes Programmable ramps Yes Supply Power 1,400 W		Vapor temperature sensor
Programmable ramps Yes Supply Power 1,400 W	Integrated vacuum controller	Yes
Supply Power 1,400 W	Timer	Yes
	Programmable ramps	Yes
Weight without glassware assembly 15 kg	Supply Power	1,400 W
	Weight without glassware assembly	15 kg

Premium Laboratory Equipment

Dimensions with glassware set G3 (w/d/h)	739 x 477 x 887 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 cm²
Max. size evaporating flask	51
Rotation speed range	10 - 280 rpm
Integrated Hei-CHILL controller	Yes
Vacuum program Dynamic AUTOaccurate requires AUTOaccurate sensor	Yes
Solvent libary	Yes