Hei-VAP Core



An operating concept that is focused on the essentials: clear and with access to the basic parameters rotation speed and heating bath temperature at any time.

- Clear digital display showing actual and set values
- Two separate knobs with dynamic control for setting the rotation speed and heating bath temperature: fast turning for large jumps, slow turning for precise setting of the set values
- Accidental changing of the values can be prevented by the lock function
- Intuitive LED ring light system makes activated functions clearly visible even from a distance
- Easy adjustment of the immersion depth up to 155 mm and the inclination angle from 20° to 80°
- Standby function and residual heat warning at heating bath temperatures above 50 °C
- Available as hand or motor lift models
- The standby button stops all functions and, when using a motor lift model, lifts the evaporating flask from the heating bath.

Hei-VAP Core - Technical Data

Permissible ambient conditions 5 - 31 °C at 80 % rel. humidity 32 - 40 °C decreasing lineary up to max 50% rel. humidity 32 - 40 °C decreasing lineary up to max 50% rel. humidity Protection class DIN EN 60529 IP 20 Lift Hand lift or Motor lift Height adjustment speed Hand lift models: manual Motor lift models: 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 3.5' LCD Display Heating bath temperature control electronic / digital Secondary overtemp. cut off 250 °C Material heating bath stainless steel V4A Diameter heating bath 4.5 I Display vapor temperature Required accessories for display vapor temperature Integrated vacuum controller Timer - Programmable ramps 5 - 31 °C at 80 % rel. humidity 26 decreasing lineary up to max 50% rel. humidity 25 manual models: manual mode	Rotation speed indicator	3.5" LCD Display
Height adjustment speed Hand lift models: manual Motor lift models: 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 3.5" LCD Display Heating bath temperature control electronic / digital Secondary overtemp. cut off 250 °C Material heating bath Diameter heating bath 255 mm Volume heating bath 4.5 I Display vapor temperature Required accessories for display vapor temperature Integrated vacuum controller Timer Programmable ramps	Permissible ambient conditions	32 - 40 °C decreasing lineary up to max 50%
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Required accessories for display vapor temperature - Integrated vacuum controller - Timer - Programmable ramps -	Volume heating bath	4.5
temperatureIntegrated vacuum controller-Timer-Programmable ramps-	Display vapor temperature	- -
Timer - Programmable ramps -		_
Programmable ramps -	Integrated vacuum controller	-
	Timer	-
Supply Power 1,400 W	Programmable ramps	-
	Supply Power	1,400 W

Premium Laboratory Equipment

Weight without glassware assembly	15 kg
Dimensions with glassware set G3 (w/d/h)	HL: 739 x 487 x 845 mm ML: 739 x 432 x 845 mm
Dimensions with glassware set G3 XL (w/d/h)	HL: 739 x 487 x 920 mm ML: 739 x 432 x 920 mm
Condensing surface	1,400 cm ²
Condensing surface XL condenser	2,200 cm ²
Max. size evaporating flask	5
Rotation speed range	10 - 280 rpm
Integrated Hei-CHILL controller	-
Vacuum program Dynamic AUTOaccurate requires AUTOaccurate sensor	_
Solvent libary	-