Hei-VAP Core - motor lift model with G5 dry ice condenser

P/N: 036040063



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
- Motor lift model with G5 dry ice condenser
- The standby button stops all functions and, when using a motor lift model, lifts the evaporating flask from the heating bath.

Learn about the differences between this configuration with a G3XL condenser in combination with a recirculating chiller.

Hei-VAP Core - Technical Data

Rotation speed indicator	3.5" LCD Display
Permissible ambient conditions	5 – 31 °C at 80 % rel. humidity 32 – 40 °C decreasing lineary up to max 50% rel. humidity
Protection class (EN 60529)	IP 20
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	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	255 mm
Volume heating bath	Up to 6 liter (2.2 to 4.5 liter recommended filling volume, depending on the flask size and immersion angle used)
Display vapor temperature	-
Required accessories for display vapor temperature	-
Integrated vacuum controller	-
Timer	-
Programmable ramps	-

Supply Power	1,400 W
Weight without glassware assembly	15 kg
Dimensions with glassware set G3 (w/d/h)	739 x 432 x 845 mm
Dimensions with glassware set G3 XL (w/d/h)	739 x 432 x 920 mm
Condensing surface	1,400 cm²
Condensing surface XL condenser	2,200 cm²
Max. size evaporating flask	5 l
Rotation speed range	10 - 280 rpm
Integrated Hei-CHILL controller	-
Vacuum program Dynamic AUTOaccurate requires AUTOaccurate sensor	-
Solvent libary	-