

## Hei-VAP Precision



The Hei-VAP Precision provides you with the maximum range of parameters, including but not limited to, reproducible applications and fully automated processes. Even solutions with different boiling points can be identified and distilled.

- Available in hand lift or motor lift configurations
- Experience the advantages of our large 4.3" color graphic display which features all parameters, integrated vacuum controller and includes programs for automated distillations
- Make your life easier by utilizing the integrated software support which leads you through the capabilities of the evaporator
- For data management Hei-VAP Precision models feature a USB interface
- Save time by configuring the unit - all connected devices will be recognized by the evaporator, which eliminates the need to configure the unit manually
- Now you can manage even the most demanding applications easily and prevent foaming, excessive bubbling or bumping
- Save time with your individualized pre-programmed parameter settings for your 30 most common applications used on a daily basis by saving them in a "Favorites" section

- Each ramp offers 20 separate steps for demanding applications
- Apply an individual name to those ramps to avoid a mix-up
- Experience the advantages of the automatic process timer which turns off your evaporator at a pre-programmed time by raising the flask on motor lift models and releasing vacuum
- Control your process individually by preprogramming vacuum gradients
- Hei-VAP Precision models feature a built-in vacuum controller as a standard
- For increased safety all bath temperature adjustments can be limited
- Even from a distance you will be able to monitor the numbers on the display easily
- Large color graphic display for all parameters and automated programs

Intelligent evaporation with Heidolph rotary evaporators: overheat protection design that prevents water baths running dry, provides a detachable panel for superior ease of use from outside closed fume hoods and offers a proven vacuum seal and vapor tube system guaranteed for years of operation!

## Hei-VAP Precision - Technical Data

Rotation speed indicator	4.3" 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	Hand lift or Motor lift
Height adjustment speed	Hand lift models: manual Motor lift models: 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	±1 °C
Overheat protection bath	cut-off at 5 °C over set temperature via separate PT 1000
Bath temperature setting	4.3" 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
Vacuum program SETpressure	yes
Vacuum program AUTOeasy	yes

Vacuum program AUTOaccurate requires AUTOaccurate sensor	yes
Programmable ramps	yes
Supply Power	1,400 W
Weight without glassware assembly	17 kg
Dimensions with glassware set G3 (w/d/h)	HL: 523 mm x max. 739mm x 845 mm ML: 453 mm x max. 739 mm x 845 mm
Dimensions with glassware set G3 XL (w/d/h)	HL: 523 mm x max. 739mm x 920 mm ML: 453 mm x max. 739 mm 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
Display	yes 4.3" LCD color graphic display
Rotation speed range	10 - 280 rpm
Remote control function	Lift at motor lift models Start Rotation Start Vacuum Start heating bath