

Hei-VAP Precision - motor lift model with coated G5 dry ice condenser



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.

- 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
 - Hei-VAP Precision motor lift model with transparent plastic coated G5 dry ice condenser

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 | 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 | ±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 | yes |

AUTOaccurate sensor

| | |
|---------------------------------------------|-----------------------------------------------------------------------------------|
| Programmable ramps | yes |
| Supply Power | 1,400 W |
| Weight without glassware assembly | 17 kg |
| Dimensions with glassware set G3 (w/d/h) | (l) 453 mm x (w) max. 739 mm x (h) 845 mm |
| Dimensions with glassware set G3 XL (w/d/h) | (l) 453 mm x (w) max. 739 mm x (h) 920 mm |
| Condensing surface | 1,400 cm ² |
| Condensing surface XL condenser | 2,200 cm ² |
| 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 |



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Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

