

## Hei-VAP Core - hand lift model with coated G3 XL vertical glassware



- Equipped with proven smart details such as Easy-Clip, patented clamping sleeve, lift stop to limit immersion depth, universal 5-L-heating bath, various glass accessories etc.
- Hand lift model with transparent plastic coated G3 XL vertical glassware - achieve higher evaporation rates due to expanded cooling surface of 2,200 cm<sup>2</sup>
- Clear digital display for monitoring the current values and separate button to display the set values
- To protect the electronics, the operating panel is splash water protected in accordance with IP 42
- Two separate operating knobs for adjusting the rotation speed and heating temperature with LED ring light system for activity indication
- Activated lock feature prevents inadvertent adjustments
- Residual heat indicator when >50 °C
- Standby button stops all functions
- Ergonomically optimized heating bath handles sit securely in your hand
- Easily adjust immersion depth up to 155 mm and the tilt angle of the evaporating flask

from 20° to 80°

- Grease-free operation thanks to innovative sealing technology
- Ventilation cap with PTFE inlet and free of ground joints. Optionally available with replenishment valve
- Optional cable extension – The operating panel can be detached for use outside closed fume hoods

## Hei-VAP Core - Technical Data

|  |  |
|--|--|
| Rotation speed indicator                           | 3.5" LCD Display   |
| Permissible ambient conditions                     | 5 – 31 °C at 80 % rel. humidity<br>32 – 40 °C decreasing lineary up to max 50% rel. humidity |
| Protection class DIN EN 60529                      | IP 20  |
| Lift   | Hand lift  |
| Height adjustment speed                            | manual   |
| 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                           | 3.5" LCD 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                          | -  |
| Required accessories for display vapor temperature | -  |
| Integrated vacuum controller                       | -  |
| Timer  | -  |
| Vacuum program SETpressure                         | -  |
| Vacuum program AUTOeasy                            | -  |
| Vacuum program AUTOaccurate requires               | -  |

|   |                                      |
|---|--------------------------------------|
| AUTOaccurate sensor                         |                                      |
| Programmable ramps                          | -                                    |
| Supply Power                                | 1,400 W                              |
| Weight without glassware assembly           | 16 kg                                |
| Dimensions with glassware set G3 (w/d/h)    | 477 x max. 739 x 845 mm              |
| Dimensions with glassware set G3 XL (w/d/h) | 477 x max. 739 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<br>3.5" LCD Display              |
| Rotation speed range                        | 10 – 280 rpm                         |
| Remote control function                     | Start Rotation<br>Start heating bath |



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