

## Hei-VAP Core - motor lift model with G3 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.
- Motor lift model with G3 vertical glassware
- 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  $>50\text{ }^{\circ}\text{C}$
- Standby button stops all functions and lifts the evaporator flask out of the heating bath on motor lift models
- 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  $20^{\circ}$  to  $80^{\circ}$
- 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                                               | 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                           | 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)    | 407 x max. 739 x 845 mm                      |
| Dimensions with glassware set G3 XL (w/d/h) | 407 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                     | Lift<br>Start Rotation<br>Start heating bath |



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