

Hei-VAP Industrial with glassware R

P/N: 036072000



- Picture similar
- Excellent user safety with high-impact transparent PMMA door
- Non-fogging safety glass and metal frame guard hood provides excellent user protection
- The evaporation flask is illuminated during operation for increased visibility
- Universal heating bath accommodates water or other bath fluids allowing for temperature settings up to 180 °C
- Receiver cassettes and additional PMMA door housing protect against threat of glassware breakage
- Comes as standard with integrated refill water system, spillover prevention and a release valve at the bottom
- Optional Base Cart is fully-maneuverable with removable panels for storage of vacuum pump, glassware, solvents or accessories
- Certification according to GMP available for this model: validation for installation (IQ) and operating qualification (OQ)
- Large touch screen control panel with illuminated displays for all process parameters, programmable ramps

Hei-VAP Industrial model with glassware R - Recommended for all standard distillations

This glassware assembly includes one ascending condenser, one 20-l evaporating flask, one 10-l receiving flask

Hei-VAP Industrial - Technical Data

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| Rotation speed indicator | digital |
| 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 | 45 mm/s |
| Height adjustment | 180 mm |
| Drive | EC-motor |
| Heating capacity | 4,000 W |
| Temp. range heating bath | 20 – 180 °C |
| Bath temperature setting | digital |
| Material heating bath | stainless steel V4A |
| Diameter heating bath | 400 mm |
| Volume heating bath | 18 l (H ₂ O) / 14 l (oil) |
| Display vapor temperature | yes |
| Required accessories for display vapor temperature | temperature sensor |
| Integrated vacuum controller | yes |
| Timer | yes |
| Vacuum program SETpressure | yes |
| Vacuum program AUTOaccurate requires AUTOaccurate sensor | yes |
| Programmable ramps | yes |
| Supply Power | 4,600 W |
| Weight without glassware assembly | approx. 120 kg |
| Display | 7" Touchpanel |
| Rotation speed range | 6 – 160 rpm |

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| Temperature measurement accuracy | $\pm 1\text{ }^{\circ}\text{C}$ |
| Overheat cut-off protection | yes |
| Automatic heating bath control | micro processor |
| Level regulation of water bath | automatically due to level sensor and refill function |
| Indicating range vapor temperature sensor | 0 – 200 $^{\circ}\text{C}$ (accuracy 0.1 $^{\circ}\text{C}$) |
| Dimensions (w/d/h) | 970 x 690 x 1600 mm (2120 mm incl. Base cart) |
| Max. condensing surface | 1.2 m ² |