Premium Laboratory Equipment

Hei-VAP Industrial with glassware AC

P/N: 036072025



- 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 AC - For that tend to splash and foam

This glassware assembly includes one descending condenser, one expansion vessel, one 20-l evaporating flask, two 10-l receiving flasks

Hei-VAP Industrial - Technical Data

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 (H2O) / 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

Temperature measurement accuracy	±1 °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 °C (accuracy 0.1 °C)
Dimensions (w/d/h)	970 x 690 x 1600 mm (2120 mm incl. Base cart)
Max. condensing surface	1.2 m²