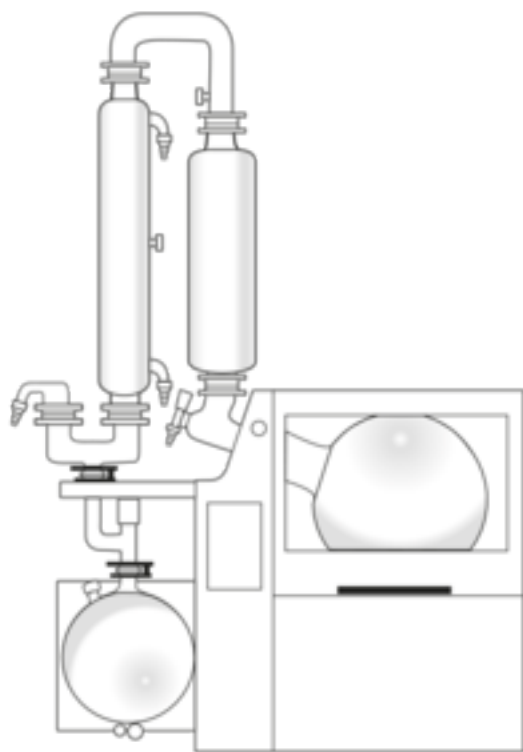


## Hei-VAP Industrial with glassware A



- 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 A - For that tend to splash and foam

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

## 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 DIN EN 60529	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	V4A (1.4404)
Diameter heating bath	400 mm
Volume heating bath	18 l (H <sub>2</sub> O) / 14 l (oil)
Display vapor temperature	1
Required accessories for display vapor temperature	temperature sensor
Integrated vacuum controller	1
Timer	1
Vacuum program SETpressure	1
Vacuum program AUTOaccurate requires AUTOaccurate sensor	1
Programmable ramps	1
Supply Power	4,600 W
Weight without glassware assembly	approx. 120 kg
Display	7" Touchpanel
Rotation speed range	6 – 160 rpm

Temperature 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 (l/w/h)	970 / 690 / 1600
Max. condensing surface	1.2 m <sup>2</sup>