Hei-VAP Industrial with glassware Shorty R

P/N: 518-18100-00



- 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

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Hei-VAP Industrial model with glassware shorty R - Ideal in laboratories for hood applications or where height is restricted

Identical to glassware R, but features a condenser that is 320 mm shorter; Distillation capacity remains the same.

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

Hei-VAP Industrial - Technical Data

| rel. humidity Protection class (EN 60529) Lift motor lift Height adjustment speed 45 mm/s Height adjustment MMM mm Drive EC-motor Heating capacity MMMM W Temp. range heating bath 20 – 180 °C Bath temperature setting digital Material heating bath stainless steel V4A Diameter heating bath MMM mm Volume heating bath 18 I (H2O) / 14 I (oil) Display vapor temperature yes Required accessories for display vapor temperature lintegrated vacuum controller yes Timer yes Vacuum program AUTOaccurate requires AUTOaccurate sensor Programmable ramps yes Supply Power MMMM W Weight without glassware assembly approx. 120 kg Display 7"Touchpanel | Rotation speed indicator | digital |
|--|-----------------------------------|---|
| Lift motor lift Height adjustment speed 45 mm/s Height adjustment 0000 mm Drive EC-motor Heating capacity 0000 mm Temp. range heating bath 20 - 180 °C Bath temperature setting digital Material heating bath stainless steel V4A Diameter heating bath 181 (H2O) / 141 (oil) Display vapor temperature yes Required accessories for display vapor temperature lintegrated vacuum controller yes Timer yes Vacuum program SET pressure yes Vacuum program AUTO accurate requires AUTO accurate sensor Programmable ramps yes Supply Power 0000 mm MMM W Weight without glassware assembly approx. 120 kg Display 7" Touchpanel | Permissible ambient conditions | 32 – 40 °C decreasing lineary up to max 50% |
| Height adjustment Speed 45 mm/s Height adjustment BER mm Drive EC-motor Heating capacity BER W Temp. range heating bath 20 – 180 °C Bath temperature setting digital Material heating bath Stainless steel V4A Diameter heating bath BER mm Volume heating bath 18 I (H2O) / 14 I (oil) Display vapor temperature yes Required accessories for display vapor temperature lintegrated vacuum controller yes Timer yes Vacuum program AUTOaccurate requires AUTOaccurate sensor Programmable ramps yes Supply Power MMNNN W Weight without glassware assembly approx. 120 kg Display 7" Touchpanel | Protection class (EN 60529) | IP 20 |
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| Drive EC-motor Heating capacity 88888 W Temp. range heating bath 20 – 180 °C Bath temperature setting digital Material heating bath stainless steel V4A Diameter heating bath 181 (H2O) / 141 (oil) Display vapor temperature yes Required accessories for display vapor temperature lntegrated vacuum controller yes Timer yes Vacuum program AUTOaccurate requires AUTOaccurate sensor Programmable ramps yes Supply Power 88888 approx. 120 kg Display 7" Touchpanel | Height adjustment speed | 45 mm/s |
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| Supply Power Weight without glassware assembly Display 7" Touchpanel | | yes |
| Weight without glassware assembly approx. 120 kg Display 7" Touchpanel | Programmable ramps | yes |
| Display 7" Touchpanel | Supply Power | |
| | Weight without glassware assembly | approx. 120 kg |
| Detation and range 6 160 mm | Display | 7" Touchpanel |
| Rotation speed range o - 160 rpm | Rotation speed range | 6 – 160 rpm |

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| 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 | ⊠ |