Hei-VAP Ultimate - motor lift model with coated G5 dry ice condenser P/N: 576-01510-00



Precise setting of rotation speed and heating bath temperature on the digital touch display or – for quick access during an active process – directly via the knobs on the operating panel.

- Central operating panel with 7" touch display
- Motor lift model with transparent plastic coated G5 dry ice condenser
- Clear display of all values (Basic and Advanced modes)
- With timer, limitation of max. temperature, multilingual menu and text display for error messages
- Separate knobs for rotation and heating with locking function to prevent accidental readjusting
- LED ring lights and pictogram to display the activity even from a distance
- Integrated solvent library to facilitate adjustment of the required vacuum on an external vacuum controller
- USB and Micro SD plus LAN / RS 232 interfaces (Lab 4.0 ready)
- Optional display of vapor temperature
- Subsequent upgrade to Hei-VAP Ultimate Control possible, including vacuum and chiller control

Premium Laboratory Equipment

Hei-VAP Ultimate - Technical Data

| 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 Lift Motor lift Height adjustment speed 25 mm/s Height adjustment Drive brushless DC motor with electronic speed control Heating capacity 1,300 W Temp. range heating bath 20 - 210 °C Temperature accuracy bath ±1K Overheat protection bath cut-off at 5 °C over set temperature via separate PT 1000 Bath temperature setting 7' LCD color graphic display Heating bath temperature control electronic / digital Secondary overtemp. cut off 250 °C Material heating bath 255 mm Volume heating bath 4.5 I Display vapor temperature Yes Required accessories for display vapor temperature sensor temperature Integrated vacuum controller 7' ES Programmable ramps Yes Supply Power 1,400 W Weight without glassware assembly 15 kg | Rotation speed indicator | 7" LCD color graphic display |
|--|-----------------------------------|---|
| Lift Motor lift Height adjustment speed 25 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 ±1K Overheat protection bath cut-off at 5 °C over set temperature via separate PT 1000 Bath temperature setting 7° LCD color graphic 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 I Display vapor temperature Yes Required accessories for display vapor temperature Integrated vacuum controller Timer Yes Programmable ramps Yes Supply Power 1,400 W | Permissible ambient conditions | 32 – 40 °C decreasing lineary up to max 50% |
| Height adjustment speed Height adjustment Drive Drive | Protection class DIN EN 60529 | IP 20 |
| Height adjustment Drive brushless DC motor with electronic speed control Heating capacity 1,300 W Temp. range heating bath 20 - 210 °C Temperature accuracy bath £1K Overheat protection bath cut-off at 5 °C over set temperature via separate PT 1000 Bath temperature setting 7" LCD color graphic display Heating bath temperature control electronic / digital Secondary overtemp. cut off 250 °C Material heating bath stainless steel AISI 316L Diameter heating bath Volume heating bath 4.5 I Display vapor temperature Required accessories for display vapor temperature Integrated vacuum controller Timer Yes Programmable ramps Yes Supply Power 1,400 W | Lift | Motor lift |
| Drive brushless DC motor with electronic speed control Heating capacity 1,300 W Temp. range heating bath 20 – 210 °C Temperature accuracy bath ±1K Overheat protection bath cut-off at 5 °C over set temperature via separate PT 1000 Bath temperature setting 7" LCD color graphic 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 I Display vapor temperature Yes Required accessories for display vapor temperature sensor temperature Integrated vacuum controller Timer Yes Programmable ramps Yes Supply Power 1,400 W | Height adjustment speed | 25 mm/s |
| Heating capacity Temp. range heating bath 20 - 210 °C Temperature accuracy bath £1K Overheat protection bath cut-off at 5 °C over set temperature via separate PT 1000 Bath temperature setting 7" LCD color graphic display Heating bath temperature control electronic / digital Secondary overtemp. cut off 250 °C Material heating bath biameter heating bath 255 mm Volume heating bath 4.5 I Display vapor temperature Yes Required accessories for display vapor temperature Integrated vacuum controller Timer Yes Programmable ramps Yes Supply Power 1,400 W | Height adjustment | 155 mm |
| Temp. range heating bath 20 – 210 °C Temperature accuracy bath ±1K Overheat protection bath cut-off at 5 °C over set temperature via separate PT 1000 Bath temperature setting 7" LCD color graphic 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 I Display vapor temperature Yes Required accessories for display vapor temperature lntegrated vacuum controller - Timer Yes Programmable ramps Yes Supply Power 1,400 W | Drive | · |
| Temperature accuracy bath ±1K Overheat protection bath cut-off at 5 °C over set temperature via separate PT 1000 Bath temperature setting 7" LCD color graphic 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 I Display vapor temperature Yes Required accessories for display vapor temperature sensor Integrated vacuum controller - Timer Yes Programmable ramps Yes Supply Power 1,400 W | Heating capacity | 1,300 W |
| Overheat protection bath cut-off at 5 °C over set temperature via separate PT 1000 Bath temperature setting 7" LCD color graphic 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 I Display vapor temperature Yes Required accessories for display vapor temperature sensor Integrated vacuum controller - Timer Yes Programmable ramps Yes Supply Power 1,400 W | Temp. range heating bath | 20 - 210 °C |
| Separate PT 1000 Bath temperature setting 7" LCD color graphic 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 I Display vapor temperature Yes Required accessories for display vapor temperature sensor Integrated vacuum controller - Timer Yes Programmable ramps Yes Supply Power 1,400 W | Temperature accuracy bath | ±1K |
| 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 I Display vapor temperature Yes Required accessories for display vapor temperature sensor temperature Integrated vacuum controller - Timer Yes Programmable ramps Yes Supply Power 1,400 W | Overheat protection bath | |
| Secondary overtemp. cut off 250 °C Material heating bath Diameter heating bath Volume heating bath 4.5 I Display vapor temperature Required accessories for display vapor temperature Integrated vacuum controller Timer Yes Programmable ramps Yes Supply Power 1,400 W | Bath temperature setting | 7" LCD color graphic display |
| Material heating bath Diameter heating bath Volume heating bath Display vapor temperature Required accessories for display vapor temperature Integrated vacuum controller Timer Programmable ramps Yes Supply Power Stainless steel AISI 316L 255 mm Vapor temperature Vapor temperature sensor Vapor temperature sensor Yes 1,400 W | Heating bath temperature control | electronic / digital |
| Diameter heating bath Volume heating bath 4.5 I Display vapor temperature Required accessories for display vapor temperature Integrated vacuum controller Timer Yes Programmable ramps Yes Supply Power 255 mm 4.5 I Vapor temperature sensor Vapor temperature sensor Yes 1,400 W | Secondary overtemp. cut off | 250 °C |
| Volume heating bath Display vapor temperature Required accessories for display vapor temperature sensor Integrated vacuum controller Timer Yes Programmable ramps Yes Supply Power 4.5 I Yes Vapor temperature sensor Vapor temperature sensor Yapor temperature sensor Yapor temperature sensor Yapor temperature sensor 1,400 W | Material heating bath | stainless steel AISI 316L |
| Display vapor temperature Required accessories for display vapor temperature Integrated vacuum controller Timer Yes Programmable ramps Yes Supply Power Yes Yapor temperature sensor 1,400 W | Diameter heating bath | 255 mm |
| Required accessories for display vapor temperature sensor Integrated vacuum controller Timer Yes Programmable ramps Yes Supply Power 1,400 W | Volume heating bath | 4.5 |
| temperature Integrated vacuum controller Timer Yes Programmable ramps Yes Supply Power 1,400 W | Display vapor temperature | Yes |
| Timer Yes Programmable ramps Yes Supply Power 1,400 W | | Vapor temperature sensor |
| Programmable ramps Yes Supply Power 1,400 W | Integrated vacuum controller | - |
| Supply Power 1,400 W | Timer | Yes |
| | Programmable ramps | Yes |
| Weight without glassware assembly 15 kg | Supply Power | 1,400 W |
| | Weight without glassware assembly | 15 kg |

Premium Laboratory Equipment

| Dimensions with glassware set G3 (w/d/h) | 739 x 477 x 887 mm |
|--|-----------------------|
| Dimensions with glassware set G3 XL (w/d/h) | 739 x 477 x 920 mm |
| Condensing surface | 1,400 cm ² |
| Condensing surface XL condenser | 2,200 cm² |
| Max. size evaporating flask | 51 |
| Rotation speed range | 10 - 280 rpm |
| Integrated Hei-CHILL controller | - |
| Vacuum program Dynamic AUTOaccurate requires AUTOaccurate sensor | _ |
| Solvent libary | Yes |