

# Rotary Evaporators, Hei-VAP Expert Control

*Hei-VAP Expert Control HL, G3, EU-plug, Vertical condenser, Standard*  
Catalog # HEID573-02300-00

Hei-VAP Expert Control rotary evaporators allow central control of all process parameters: Vacuum, cooling temperature, rotation and heating bath temperature. The units have separate knobs for quick access: Right for direct vacuum control, the left one for rotation has a lock function to prevent accidental adjustment

- 5" touch display for controlling the entire system including the vacuum and the cooling temperature
- For precise monitoring, the pictogram on the display also illustrates active functions
- Set values either via the touch display or the separate quick access knobs
- Direct access to two favourites on the start screen
- Expandable solvent library. Transfer your own favourites to other devices using a USB stick
- Define and save own evaporation processes (ramps) as favourites
- Automatically evaporate with the Dynamic AUTO<sub>accurate</sub> Program (DAA). Convenient and customisable: From foam avoidance to highly efficient evaporation
- USB and Micro SD interface for easy installation of software updates and transfer of individual favourites from one device to another

The Automatic evaporation with Dynamic AUTO<sub>accurate</sub> (DAA) allows the user to start a fully automated distillation process during the heat-up phase of the heating bath. The system vacuum is dynamically adjusted to the changing heating bath temperatures until the heating bath has reached its defined temperature. The boiling points of one or more fractions are identified through the steam temperature gradation of the mixture during continuous automatic pressure control. User can freely select if one or more fractions are to be distilled, vacuum control is fully automated for each fraction. Control the evaporation speed by adjusting the ratio of steam temperature to cooling temperature. Automation with sensors ensures noticeably higher precision. To protect the sample, the models with a motor lift automatically remove the evaporating flask from the heating bath at the end of the process.

**Certifications:** IP protection class according to DIN EN 60529: IP 20

**Ordering information:** Add-ons and accessories are available; contact your Avantor representative for more information.

**Delivery information: Hei-VAP Expert Control Evaporators, Powder Drying Packages:**

**Includes** Hei-VAP Expert Control with motor lift and vertical glassware set G3, Vacuum pump Hei-VAC Valve Control, vacuum valve, tubing set, powder flask 2 L and vapour tube with powder filter.

**Hei-VAP Expert Control Evaporators, Powder Drying-Chill Packages:**

**Includes** Hei-VAP Expert Control with motor lift and vertical glassware set G3, vacuum pump Hei-VAC Valve Control, vacuum valve, Chiller Hei-CHILL 700 Pro, RS 232 cable, tubing set, powder flask 2 L, vapour tube with powder filter and thermal fluid Hei-CHILL Pro (10 L).

**Hei-VAP Expert Control Evaporators, Automatic Evaporation Plus Package:**

**Includes** Hei-VAP Expert Control with motor lift and coated vertical glass set G3B, vacuum pump Hei-VAC Vario Control, condensate cooler for Hei-VAC Vario, hose set, Woulff's bottle, AUTO accurate sensor.

**Hei-VAP Expert Control Evaporators, Reaction/ Extraction Package:**

**Includes** Hei-VAP Expert Control with motor lift and vertical glassware set G6, vacuum pump Hei-VAC Vario Tec, vapour temperature sensor, tubing set.

**Hei-VAP Expert Control Evaporators, Reaction/ Extraction-chill Package:**

**Includes** Hei-VAP Expert Control with motor lift and vertical glassware set G6, vacuum pump Hei-VAC Vario Tec, vapour temperature sensor, chiller Hei-CHILL 400 Pro, RS 232 cable, thermal fluid Hei-CHILL Pro (10 L), tubing set.

**Hei-VAP Expert Control Evaporators, Twin VAP Package:**

**Includes** 2x Hei-VAP Expert Control with motor lift and vertical glassware set G3, vacuum pump Hei-VAC valve control, 2x vacuum valve, chiller Hei-CHILL 1100 Pro, 2x tubing set, thermal fluid Hei-CHILL Pro (20 L), 2x non-return valve, 2x Y-piece.

**Hei-VAP Expert Control Evaporators, Automatic Evaporation Package:**

**Includes** Hei-VAP Expert Control with motor lift and vertical glassware set G3, vacuum pump Hei-VAC Vario Tec, condenser for Hei-VAC Vario, tubing set, Woufff bottle, AUTO accurate-sensor.

## Specifications

Type:

Hei-VAP Expert Control HL, G3, EU-plug

Version:Vertical condenser

Glassware:Standard

Cat. No.:HEID573-02300-00

Bath capacity:4,5 L

Bath Ø:255 mm

Rotation speed:10 - 280 min<sup>-1</sup>

Model:Hei-VAP Expert Control (HL)

Heating capacity:1300 W

W×D×H:477×739×845 mm

Temperature range:20...210 °C

Cooling surface:1400 cm<sup>2</sup>

Flask size:5 l (max.)

