

# Ultravap® Levante®

*The classic, robot-ready sample evaporator for tube racks and microplates*

The Ultravap® Levante® is ideal starter evaporator for efficient concentration of samples. Porvair Sciences expertise in evaporator technologies has led to the development of the latest state-of-the-art evaporator that offers greater control and flexibility over sample preparation workflows. The standalone instrument is designed to consistently and reproducibly evaporate organic solvents from samples. Precisely engineered to ANSI/SLAS standard, the Ultravap® Levante® is designed to securely fit all microplate formats and tube racks for glass vials up to 45 mm.

## Key Features

- **Reproducible Evaporation:** Advanced head technology for consistent hot gas injection in each tube and well
- **High Sample Throughput:** Choice of 12-, 24-, 48-, 96- and 384 needle heads
- **Clean Concentration:** Built to eliminate risk of cross-contamination. Ideal for sensitive samples
- **Ideal for sensitive samples:** Bulk of sample remains at ambient, only the surface is heated
- **Intuitive Design:** Slim and compact bench-friendly design with built-in LED lights for greater sample visibility



## Efficient Sample Concentration

With a choice of needles heads, most common chromatography solvents can be evaporated with ease. The choice of straight or spiral needles allows the user to choose between faster dry down (spiral) and better final drying in V-well plates (straight). Spiral needles are ideal for use with square-well plates.

- Wide range of needle heads: 12-, 24-, 48-, 96- and 384-well
- Suitable for use with solvents such as dichloromethane, methanol, acetonitrile and hexane and aqueous solvents
- Consistent nitrogen gas injection for faster evaporation times
- Fits tube racks up to 45 mm in height

## Flexible Programming

Combined with real-time run displays showing actual gas temperature up to 80°C, gas flow rate and stage height, the Ultravap® Levante® puts you in control of the evaporation process. With the ability to store up to 5 programmes, each programme allows up to 3 distinct ramped phases, so that a fast initial drying period can be followed by a gentler final drying phase. The built-in RS232 connection and remote command set enables the Ultravap® Levante® to be easily controlled and operated from liquid handling robots.

- Colour touch screen control panel
- Temperature management up to 80°C
- Up to 5 stored evaporation programmes
- Pause mode for real-time monitoring of evaporation