

# 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: System:** 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

## Ordering Information (Mistral & Levante)

Product #	Description
500149	Ultravap® Mistral fully robot-compatible blowdown evaporator without needle head, 110/230V
500226	Ultravap® Levante fully robot compatible Blowdown Evaporator without needle head, 110/230V
229072	96 Needle Head with spiral needles for all Porvair evaporators
229036	96 Needle Head with straight needles for all Porvair evaporators
229073	384 Needle Head with straight for Ultravap® RC. Mistral & Levante only
229409	24 Needle Head with straight for all Porvair evaporators
229410	Dedicated 48 Needle Head straight for use with HPLC vial adaptor for all Porvair evaporators
500193	Mistral CAN bus interface cable with RS232 initiator and CAN terminator plugs
500194	Replacement fume extractor fan complete plug-in assy with housing
229414	12 Needle Head, 48 mm straight for all Porvair evaporators, with gasket
229415	12 Needle Head, 38 mm straight for all Porvair evaporators, with gasket
229048	Gasket for Needle Head manifold, for all Porvair evaporators
500109	Vial adaptor for 48 x 1.5 ml HPLC vials black polypropylene
229650	24-well 12 mm i.d. Vial Holder for solid aluminium, for all Porvair evaporators
229216	Disposable plastic vial rack with clear bottom for 13.75 mm o.d. glass vials

Product #	Description
500292	Ultravap® Mistral XT150 fully robot-compatible blow down evaporator without needle head, 110/230V

Custom needle heads and holders are designed for specific requirements. Available on request.

## Contact Information

EU/RoW Enquiries: [int.sales@porvairsciences.com](mailto:int.sales@porvairsciences.com)



### About Us

Porvair Sciences, and sister company, JG Finneran, design, develop and manufacture high-quality microplates and glass vials for analytical and life science laboratory applications.

The combined portfolio includes unique products to support the sample prep workflow, from cartridges and plates using our composite technology, manifolds and evaporators for sample concentration, through to sample handling & storage with our extensive range of deep well plates, vials and closures.

