

Ultravap® Mistral®

Fully Automation-ready Blowdown Evaporator



- Fully liquid handling robot-compatible dry down station.
- Plate shuttle sends/retrieves plates from robot deck.
- Adjustable shuttle position and height.
- Intuitive graphical color touch screen display.
- Up to 15 stored evaporation programs.
- Up to 5 programmable steps per method.
- Primary & multiple secondary configuration supported.
- Remote control from PC option.
- Reversible screen for integration at side of robot.
- Built-in fume management and duct connector.
- Choice of 12-, 24-, 48-, 96- and 384-well heads.

The Ultravap Mistral is the most sophisticated automation-friendly model yet, giving significant throughput advantages to laboratories looking to optimize microplate sample preparation. Significant increases in sample throughput are achieved through advanced head technology and innovative manifold, which directly injects heated nitrogen into each microplate well simultaneously. This CE-marked compact unit fits into all fume hoods and boasts full integral fume management within the unit. It has been designed in close co-operation with the leading suppliers of laboratory liquid handling robots and is suitable for integration directly with manufacturers' robots, such as: Hamilton Robotics, Tecan, Perkin Elmer, and Beckman Coulter.

The Mistral offers a plate shuttle which can serve and retrieve plates from the deck of most liquid handlers. The unit is usually located on the right-hand side of the robot deck. Control commands are sent directly from the robot controller to the Mistral. These standard commands are listed in the manual, but most robot manufacturers have drivers available to control the Mistral, making integration a seamless process.

Width	182mm
Depth	435mm, 674mm with shuttle fully extended
Height	4551mm
Power requirement	110-220 VAC
Product No.	250-10045