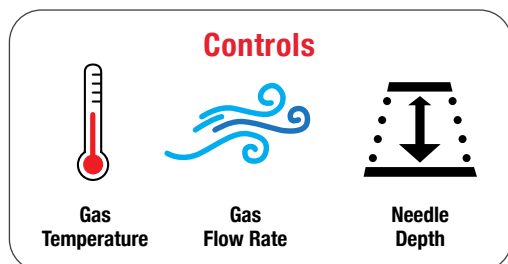




Porvair Evaporators




Increase Lab Efficiency | Decrease Sample Preparation Time

FAST Evaporation—Heated Nitrogen with controlled needle depth and flow rate speed up evaporation process



Save **time** with our **quality** laboratory equipment

EVAPORATORS - PORVAIR MINIVAP, ULTRAP LEVANTE, AND ULTRAVAP MISTRAL

PORVAIR EVAPORATORS		
ULTRAVAP MISTRAL™	ULTRAVAP LEVANTE™	MINIVAP™
 <ul style="list-style-type: none"> → 15 password protected methods → Each method has up to five timed stages → Each timed stage controls: <ul style="list-style-type: none"> Gas temperature Gas flow rate Needle depth → Robot Compatible—Shuttle sends/retrieves plates from robot deck → Built-in duct adapter for fume management 	 <ul style="list-style-type: none"> → Five password protected methods → Each method has up to three timed stages → Each timed stage controls: <ul style="list-style-type: none"> Gas temperature Gas flow rate Needle depth → Optional duct adapter for fume management 	 <ul style="list-style-type: none"> → Manual control of the needle depth, gas temperature, and flow rate → Changeable head to accommodate 24, 48, 96 straight or 96 spiral needles

porvair sciences | Authorized Distributor



ULTRAVAP MISTRAL	ULTRAVAP LEVANTE	MINIVAP	DESCRIPTION
500149	500226	229206	Evaporator without a head (head required, sold separately)
Included	500194	—	Duct adapter/fume extractor fan complete plug-in assy with housing
ACCESSORIES & SPARES FOR ULTRAVAP & MINIVAP EVAPORATORS			
	229072		96 Needle head with spiral needles
	229036		96 Needle head with straight needles
	229073		384 Needle head with straight needles (for Ultrapap models only)
	229410		48 Needle head with straight needles for use with HPLC vials (requires 500109)
	500109		48 Position vial adapter, fits 12 x 32 mm vials (2 mL)
	229409		24 Needle head with straight needles
	229048		Gasket for needle manifold

TECH TIP | Spiral vs Straight

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). The spirals cause a vortex to form in the solvent, increasing the surface area and thus speeding up the rate of evaporation. Spiral needles are only suitable for use with square-well plates and larger vials.