

Ecodyst EcoChyll X1 Condenser

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Takes the place of standard water, ice, dry ice, or antifreeze dependent glass condensers. It reaches stable sub-freezing temperatures in seconds! EcoChyll's patented refrigerated condenser sets a new standard for cooling samples and processes – all without the use of traditional coolants. The EcoChyll is easy to use, saves time, energy and money.

- Replace conventional coolant dependent condensers
- Reach -20°C in under two minutes
- Compatible with any rotary evaporator
- Tankless design – no antifreeze, dry ice, or water needed
- Compact footprint saves precious bench space
- Temperature range: -40 to -5°C with $\pm 2^{\circ}\text{C}$ stability
- No associated operational expenses
- Eco friendly energy efficiency
- Standalone version includes condenser glass body, 1000mL round bottom flask, 1000mL receiving flask, adapter, clamp and tubing
- Complete version – as above plus rotary evaporator, water bath, diaphragm pump (no controller)

Code	Description	Price
EVA1208	EcoChyll X1 standalone condenser with condenser body glassware	£8979.00
EVA1209	EcoChyll X1 complete system	£13405.00



Ecodyst Hydrogen® 1H Rotary Evaporator

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A true all in one rotary evaporator system, the Ecodyst Hydrogen 1H is a remarkably compact apparatus that redefines what rotovap technology can achieve. Condensing the entire footprint of a conventional evaporation system (chiller, rotovap, and optional pump) into a single instrument with a footprint of just 1.8 square feet, the Ecodyst 1H offers space savings of up to 55%, making it invaluable for small scale laboratories. Using a proprietary and innovative self-cooling technology, Ecodyst has revolutionised the rotovap to be more efficient, to have a smaller footprint, to have greater output, and to be less costly to operate as compared with traditional methods. This disruptive technology has set new standards worldwide for rotary evaporators.

- Autonomous self cooling condenser requires no user intervention after initiation
- Eco friendly, energy efficient operation
- No associated operational costs
- Suite of built in safety features
- Significantly reduced downtime
- Digital display of rotation speed, cooling and heating temperatures enables optimal control of all distillation procedures
- Faster rates of evaporation than traditional rotary evaporators
- NEW touchscreen controller incorporating pump controller
- Includes 100mm flange ecodenser glassware, 100mm quick release flange clamp, 100mm viton O-ring, 2ft vapor tubing, 1000mL round bottom flask, 24/40 outer joint, 1000mL receiving flask, 35/25 ball joint

Code	Description	Price
EVA1210	Hydrogen® 1H rotary evaporator without vacuum pump	£17709.00
EVA1212	Hydrogen® 1H rotary evaporator with vacuum pump	£21949.00

