



Ecochyll X1



Hydrogen

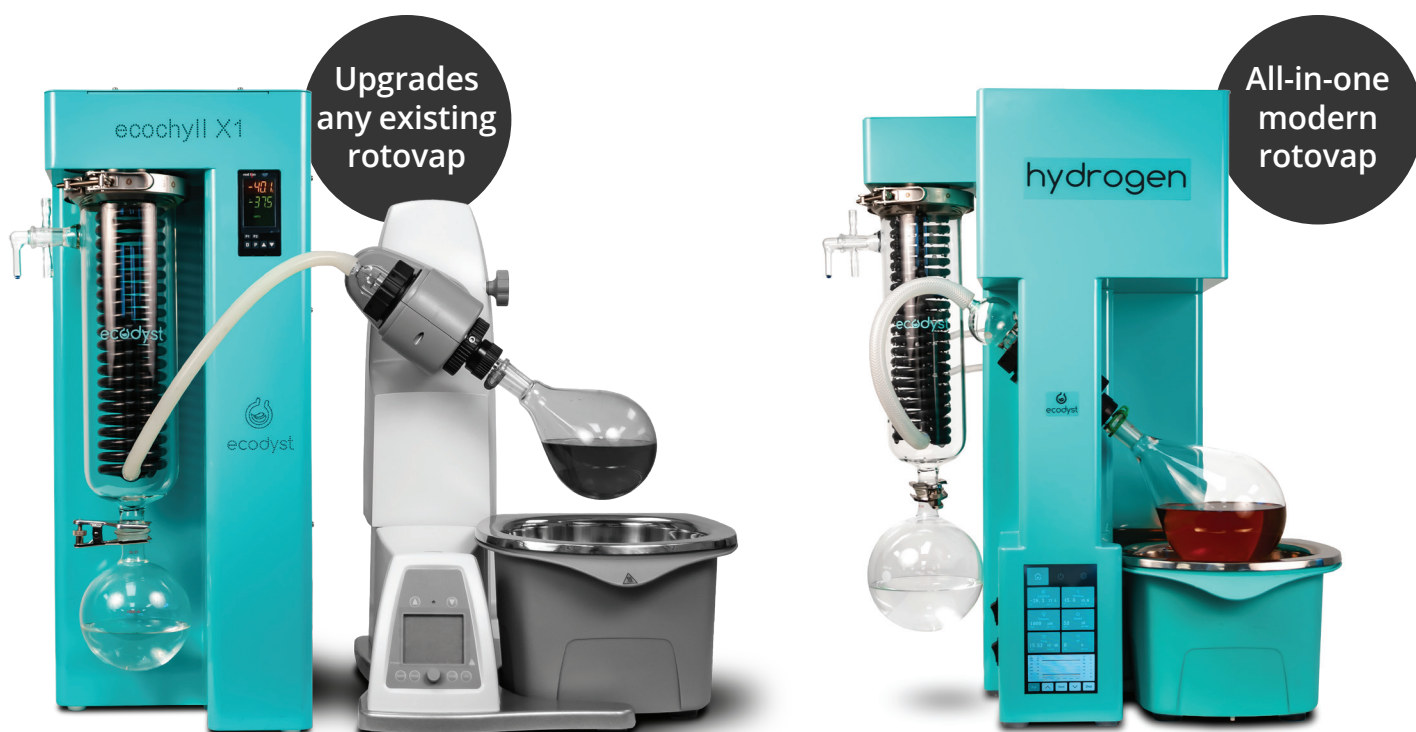
Devises in use

University	Professor
UC Berkeley	Richmond Sarpong
Princeton University	David MacMillan
High Point University	Meghan Blackledge
UNC Chapel Hill	Sidney Wilerson-Hill
Purdue University	Herman Sintim
NC State University	Joshua Pierce & Vincent Lindsey

The modern high performance rotary evaporators with direct self-cooling condenser technology and zero consumables.

For many years, rotary evaporators (rotovaps) have been a standard in laboratories and industries that perform chemistry, such as laboratories in the pharmaceutical, academic, government, chemical, life sciences, food & beverage, cleantech, materials, environmental and cannabis sectors. Rotovaps consist of a heating fluid bath, rotating motor, evaporating flask, receiving flask, vacuum source, and condenser. The conventional rotovap condenser requires an external source of cooling material such as dry ice, liquid nitrogen, water or glycol. Glycol requires additional recirculating chiller equipment.

Using a proprietary and innovative self-cooling technology, Ecodyst has revolutionized the rotovap to be more efficient, to have a smaller footprint, to have greater output, and to be less expensive to operate. The modern smart self-cooling technology from Ecodyst boosts productivity and prevents productivity downtime. The technology offers a paradigm shift and sets a new benchmark for rotovaps without the use of glycol, dry ice, or water, thus eliminating the major sources of material waste associated with conventional rotovaps.



EcoChyll X1 Benchtop Rotovap

EcoChyll X1 is a powerful, small footprint smart self-cooling condenser with a large cooling surface area, and it is extremely quiet, efficient and fast. It is ready within 60 seconds of powering it on.

Hydrogen Rotary Evaporator

The multipurpose hydrogen from Ecodyst is eco-friendly, energy efficient, reliable, and sustainable. This contemporary rotovap also delivers excellent performance, has a smaller footprint, features an extremely efficient always-available built-in condenser, is more economical to operate and decreases evaporation time, which enables researchers to pay attention to more difficult tasks.



EcoChyll X1 Benchtop Rotovap

Hydrogen Rotary Evaporator

Key Features

- Does not require dry ice or glycol
- Always available on-demand condenser
- Faster rates of evaporation
- Ready in 60 secs
- Only action required is to turn it ON

Key Features

- Built-in condenser offers required cooling temp
- Built-in vacuum pump controller
- 5L heating bath, room temp to 180°C
- Touchscreen display
- Motorized evaporating flask lift
- Speed 20–280 rpm, timer, interval operation
- Up to 3000mL evaporator flask size
- Chemical-resistant stainless steel spring PTFE vapor tub

Evaporation Temperature		Cooling Capacity		
°F	°C	BTU/h (+/-5%)	W (+/-5%)	Power Consumption (W) +/-5%
-40	-40	620	182	220
-30	-35	835	245	259
-20	-30	1116	327	300
-15	-25	1458	427	343
-10	-20	1857	544	388
5	-15	2322	680	434
10	-12	2844	833	482



Smart self-cooling



Fast evaporation



Small footprint



Energy efficient



Eco-friendly, reliable
and sustainable

Voltage: 100–120 V or 200–240 V, 50/60 Hz **Operating Temp Range:** Ambient -40°C



WolfLabs

Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

www.wolflabs.co.uk

Tel : 01759 301142

Fax : 01759 301143

sales@wolflabs.co.uk

Please contact us if this literature doesn't answer all your questions.