

A Greener Approach to Laboratory Water

As manufacturers of unique, contemporary and efficient designs of laboratory water purification systems, we are committed to providing a product range offering features which minimise energy consumption, increase productivity and reduce overall running costs. Our manufacturing site is based in Buckinghamshire in the United Kingdom and is certified to ISO 9001:2015.

Avidity Science water systems are the first choice for users wishing to demonstrate a greener and more eco-friendly commitment to environmental sustainability campaigns, saving on power consumption, water wastage and money.

Precise. Efficient. Reliable.

Our range of water systems cater for all laboratory applications and gives you the opportunity to select the features and make up rates exactly matching your current and future requirements. This removes the need for additional dispense guns or water storage that occupy valuable lab space and exhaust consumables.

REVERSE OSMOSIS		DEIONISED		ULTRAPURE	
PRIMARY GRADE WATER		GENERAL GRADE WATER		18.2MΩ	
	<p>Puro™</p> <p>Production Rate 10, 20, 50 or 80L/hr</p> <p>Low to large RO water volumes Reservoir required</p>		<p>Geno™</p> <p>Production Rate 10, 20 or 50L/hr</p> <p>Low to large DI water volumes Reservoir required</p>		<p>Alto™</p> <p>Production Rate 2L/min volumetric dispense</p> <p>Feed with pre-purified water UF options available</p>
REVERSE OSMOSIS OR DEIONISED			DEIONISED & ULTRAPURE		
	<p>Pico™</p> <p>RO or DI Water</p> <p>Production Rate 10 or 20L/hr</p> <p>Low water volumes (<120L/day) 35L integrated tank</p>			<p>Duo™</p> <p>Dual System (DI & 18.2MΩ)</p> <p>Type 2 Production Rate 10 or 20L/hr</p> <p>Type 1 Dispense Rate 2L/min volumetric dispense UF options available Reservoir required</p>	

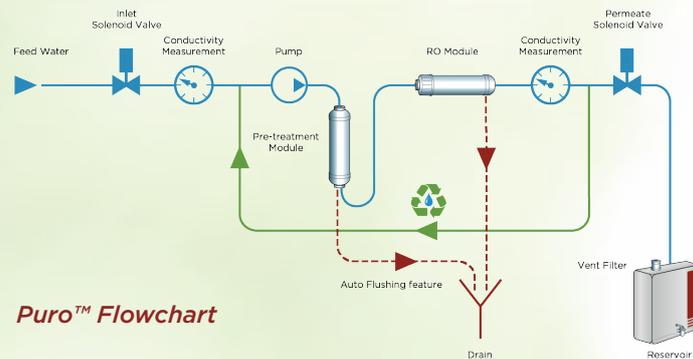
Ensuring every drop helps the environment **and** you

AVIDITY
SCIENCE



Our RO water systems recover up to 50% of water processed through the RO membranes

Due to the innovative configuration of the RO membrane and boost pump, when the final conductivity measurement is taken, any permeate water not meeting the required set point is recirculated back through the RO membrane rather than being flushed to drain. This process greatly improves the quality of the water and minimises water wastage.



Low Energy Consumption

Avidity Science laboratory water systems use less electricity than a domestic light bulb (60 watts), when in standby. This helps to preserve natural resources, reduce pollution and save money.



Anti-vibration & dampening technology

Using a unique dampening method, we have reduced pump noise and increased component life expectancy with less need for replacing critical parts.



Energy Saving Mode

The Avidity Science Duo™ and Alto™ water systems automatically switch to energy saving mode after a period of inactivity. This reduces running costs and creates a quieter working environment.



Consumable life is extended, saving you money

Our cartridges are not chipped via RFID (radio frequency identification) like many other models on the market, meaning that you change them when they are fully exhausted, not when the internal timer dictates. This helps minimise waste to contribute to a greener environment and reduces costs.



Our Reservoirs and Endure™ Purification Packs are manufactured from recyclable materials

All of our reservoirs are smooth and crevice-free, which makes them easier to sanitise and less likely to cultivate microbial growth.

Want to learn more?

Take your first step towards a greener and more efficient laboratory today and contact our team of water specialists for expert advice.

