

AVIDITY™

SCIENCE

GREEN INNOVATIONS

SUSTAINABLE WATER PURIFICATION SYSTEMS



Taking a Greener Approach to Laboratory Water

As manufacturers of unique, contemporary and efficient designs of laboratory water purification systems, Avidity Science is committed to providing a product range offering features which minimise energy consumption, increase productivity and reduce overall running costs. Our manufacturing sites are based in the United Kingdom and China, and are 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.

The Avidity Science Range.

REVERSE OSMOSIS		DEIONISED		ULTRAPURE	
PRIMARY GRADE WATER		GENERAL GRADE WATER		18.2 MΩ·cm WATER	
					
Puro[™] III	Puro[™] III T	Geno[™] II		Alto[™] I	
					
Puro[™]-i III		Geno[™] II T		Alto[™]-i I	
REVERSE OSMOSIS & ULTRAPURE			DEIONISED & ULTRAPURE		
					
Duo[™]-i III I			Duo[™] II I		
					
			Duo[™]-i III I		

Ensuring every drop helps the environment and you

Twin pass RO technology on *i-Series* models.

This technology is able to process incoming feed water of up to 2000 μ S/cm, which will provide consumers with high quality water of 5 μ S/cm and a 99% ion rejection. This in turn improves life expectancy on DI cartridges, therefore reducing the frequency of change and environmental impact. Less waste.



Anti-vibration & dampening technology for non *i-Series* models.

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



Our RO water systems recovers a percentage 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, when in standby. This helps to preserve natural resources, reduce pollution and save money.

Energy Saving Mode.

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

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.



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Avidity Science

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Management
System
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