



# Clean

ECO-CYCLER CATALOG



## WELCOME TO AQUEOUS TECHNOLOGIES!

Our company specializes in the manufacturing of cleaning and cleanliness testing systems for the electronics assembly industry. Aqueous Technologies' equipment utilizes our planet's purest substance for the removal of harmful residues. It is our mission to continue developing environmentally mindful equipment which assists manufacturers with increasing product reliability.

Our product line has been developed to address manufacturing concerns such as flux polymerization associated with Pb free alloys and spray impingement concerns from increasingly difficult to clean low stand-off component spaces. Awareness of our environmental impact has necessitated a place in our equipment designs for effluent management and completely zero discharge configurations. Aqueous Technologies will continue adapting our equipment to address trends in modern manufacturing best practices and in that effort our team will remain open to new learning opportunities.

Our team will continue to travel the world participating and leading educational seminars which support our industry partners in the development of safe and dependable products. If our equipment is determined to be the best fit for an application requirement, we will strive to help based on our knowledge and experiences.

Aqueous Technologies deeply values our professional partnerships and is grateful for the confidence that is given to us from our customers, sales representative organizations and distribution partners. We will remain diligent in our efforts to provide win-win partnerships and endeavor to express our corporate virtues to our sales force around the world.

Our company has grown over the past twenty years. That growth has been cultivated through interactions with our customers, advisors, employees, and colleagues. We welcome any ideas and feedback and are grateful for the opportunity to make a difference within this industry.



Over Forty Prestigious Industry Awards

## ECO-CYCLER RINSE WATER RECYCLER

Stop sending solution to the drain! Turn your batch format cleaning system into a closed-loop (zero-discharge) configuration with the purchase of a rinse water recycling system from Aqueous Technologies.

Aqueous Technologies' Model Eco-Cycler Rinse Water Recycler provides capture, filtration, re-deionization, and reuse of rinse water from Aqueous Technologies Trident LDO or other batch format Aqueous defluxing systems.

The Eco-Cycler Rinse Water Recycler is constructed with durable, corrosion-resistant welded polypropylene. A built-in stainless steel, high performance recirculation/filtration pump directs waste rinse water through dual particulate filters and carbon and resin media tanks. A user may obtain carbon and resin media tanks directly from Aqueous Technologies or through a media vendor of their choice.

The Eco-Cycler Rinse Water Recycler is equipped with both low and high level float switches which allow for automatic water replenishment and protection against run-dry operation. Dual pressure gauges monitor the condition of the two particulate filters. A built-in digital resistivity meter provides real-time monitoring and display of the actual cleanliness of the water.

Feature	ECO-CYCLER Rinse Water Recycler
Holding Tank	30 Gallons
GMP Output	3-5 GMP
Pump	Stainless Steel 1 HP, 110V Multistage Pump
Post-Filtration	10 inch long, 5 micron filter cartridges
Resistivity Meter	0-18 M-Ohm Digital Display
Control Panel	Electrical Enclosure with Indicator Lights and Switches
Pressure Gauges	Two (2) Liquid Filled Pressure Gauges for Monitoring Pressures at Filters
Connection	<ul style="list-style-type: none"> <li>• Return Line 3/4" FPT</li> <li>• DL Supply Lines 3/4" FPT</li> <li>• City Water 3/4" FPT</li> <li>• Drain Line 3/4" FPT</li> </ul>
Electrical	110 Volt, Single Phase, 20 amps
Physical Dimensions	28" W x 38" D x 50" H



# AQUEOUS TECHNOLOGIES CORPORATION

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