



Clean

STENCILWASHER 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 electro-magnetic residues. It is our mission to continue developing environmentally conscious 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 products are determined to be the best fit for an application need, we will strive to help based on our knowledge and experiences.

Aqueous Technologies deeply values our industry relationships 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 by considerable measures over the past twenty years, both in size and philosophy. That growth has been cultivated through interactions with our customers, advisors, employees, and colleagues. We welcome any ideas and feedback and are thankful for the opportunity to make a difference within this industry.

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Over Forty Prestigious Industry Awards



STENCIL CLEANING SYSTEMS

ULTRASONIC STENCIL CLEANING SYSTEMS

Ultrasonic technology utilizes precisely controlled sound waves to remove non-reflowed solder paste and uncured adhesives from stencils, screens and misprints. Ultrasonic energy is gentle enough not to damage delicate parts and is highly effective in the removal of dried pastes on fine-pitch stencils.

FEATURES

Aqueous Technologies' semi-automatic ultrasonic stencil cleaning systems are all designed to accommodate stencils, screens or misprinted assemblies up to 29" x 29" (736mm x 736mm). All models are equipped with stainless steel wash and rinse tanks, a stainless steel deck, programmable wash cycle timers, wash and rinse solution filtration systems, powered drain/filtration pumps and rinse and dry wands. These systems utilize multiple side-mounted 40 kHz transducers, which target effective cleaning power onto the stencil/misprint. Transducers include a ten year limited warranty against debonding. There are three models of StencilWashers to choose from:



STENCILWASHER ECO

StencilWasher ECO is designed to remove all solder paste types (including lead-free) and provides wash, rinse and dry functions. StencilWasher ECO is equipped with a wash cycle timer, hand-held rinse wand and airknife.



STENCILWASHER LD

StencilWasher LD is capable of removing all non-reflowed solder-pastes (including lead-free) and uncured adhesives and is equipped with a wash-solution filtration and recirculation system. Wash solution is filtered and reused eliminating discharge to drain while maximizing the wash solution's life. Rinse water is filtered and discharged to drain.



STENCILWASHER CLR

StencilWasher CLR is capable of removing all non-reflowed solder-pastes (including lead-free) and uncured adhesives and is equipped with a wash-solution filtration and rinse recirculation system. Wash solution is filtered and reused eliminating discharge to drain while maximizing the wash solution's life. Rinse water is filtered, re-deionized and reused via the built-in closed-loop rinse water recycler.

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