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Zero Discharge

## Environmentally Safe, Closed-Loop, Ultrasonic Solder Paste Removal

### From the Leader in Aqueous Cleaning / De-Fluxing Systems... StencilWasher-CLR Closed-Loop Ultrasonic Stencil Cleaner



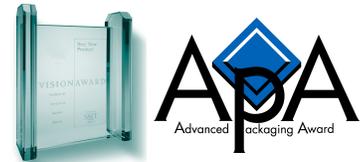
The StencilWasher CLR Ultrasonic Stencil Cleaning System is designed to remove solder paste and adhesives from stencils, screens, misprints, and related components without requiring a drain connection.

The StencilWasher CLR is designed to remove all paste types including Rosin ('R', 'RMA', and 'RA'), Water Soluble (OA) and No-Clean pastes.

The StencilWasher CLR is designed to operate with a variety of environmentally safe and environmentally friendly cleaning chemistries.

#### Ultrasonic Power, Ultrasonic Safety

The StencilWasher CLR harnesses the cleaning power of ultrasonic energy. Ultrasonic transducers produce powerful, yet non-destructive energy, which is directed toward a cleaning target. Ultrasonic energy is gentle enough not to damage delicate parts, but is highly effective in the removal of even dried pastes on fine-pitch stencils.



Multi-Award Winner

#### Wash Tank:

The StencilWasher CLR's wash tank is constructed from welded 316 stainless steel. The wash tank features multiple side-mounted 40 kHz "sweep" transducers for thorough paste / adhesive removal from even fine pitch applications.

The wash tank is equipped with a built-in wash-solution heating system controlled by a microprocessor-based temperature controller, ensuring compatibility with adhesive removal applications.

The built-in filtration system provides automatic wash-solution paste separation. Particulate waste is captured in the StencilWasher CLR's stainless steel filters and paste trap for fast and easy removal.

#### Rinse Tank:

The StencilWasher CLR's closed-looped, extra large rinse tank features a foot-switch actuated, hand-held spray gun which that directs automatically deionized rinse water onto the stencil. All rinse water is automatically filtered, and re-deionized via the built-in closed-loop filtration system. A hand-held airknife is provided for course drying.

#### Control Systems:

The StencilWasher CLR is exceptionally easy to operate. Wash-solution temperature and wash time, as well as rinsing functions are controlled from the ergonomically designed control panel.

## S P E C I F I C A T I O N S:

<b>Size:</b>	48"W X 34" D x 40" H	<b>Maximum Frame Size:</b>	29" x 29"
<b>Construction:</b>	Steel frame, steel panels, corrosion-resistant powder-coat finish, stainless steel wash and rinse tanks and filters	<b>Ultrasonics:</b>	40 kHz Immersible
		<b>Generators:</b>	Variable Amplitude
		<b>Cycle Timer:</b>	Digital
<b>Utility Requirements:</b>	208 VAC 50 Amps 1 Ø	<b>Average Cycle Time:</b>	Less than 3 minutes