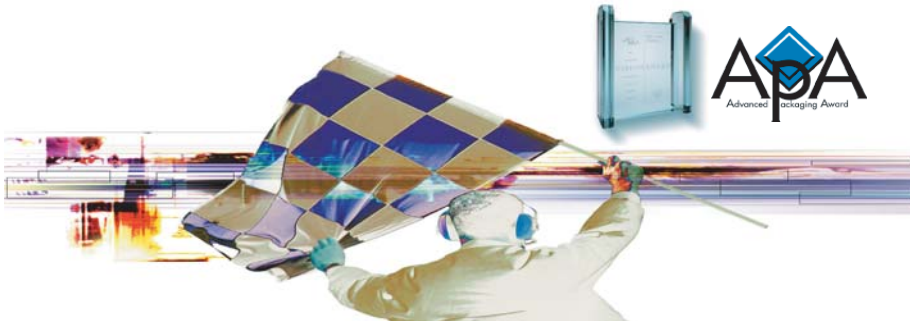




## Award Winning StencilWasher Semi-Automatic Stencil Cleaning Systems



Ultrasonic technology utilizes precisely controlled sound waves to remove non-reflowed solder paste and uncured adhesives from stencils, screens, and misprints. Unlike other technologies that can damage delicate stencils, 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.

Aqueous Technologies' semi-automatic ultrasonic stencil cleaning systems are designed to accommodate stencils, screens, or misprinted assemblies up to 29" x 29" (736mm x 736mm). All models feature stainless steel wash and rinse tanks and a stainless steel deck.

Multiple side-mounted 40 kHz transducers target effective cleaning power onto the stencil or misprint. Transducers include a ten year limited warranty against debonding.

All models feature a programmable wash cycle timer for consistent operation. In addition to washing functions, all semi-automatic models feature a hand-held rinse wand and a hand-held airknife for fast and effective drying.

# 4 Models to Choose From



### StencilWasher-ECO

StencilWasher-ECO provides fast and efficient solder paste removal at a very economical price. StencilWasher-ECO is designed to remove all solder paste types and provides wash, rinse, and dry functions. StencilWasher-ECO is equipped with a wash cycle timer, and a hand-held rinse wand and airknife.

### StencilWasher-ZD

StencilWasher-ZD is capable of removing all non-reflowed solder-pastes and uncured adhesives and includes all of the features of the LD Series. An evaporator is included, allowing rinse water and spent wash solution to be evaporated, eliminating the need for a drain.



### StencilWasher-LD

StencilWasher-LD is capable of removing all non-reflowed solder-pastes 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 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, re-deionized, and reused via the built-in closed-loop rinse water recycler.





Feature	StencilWasher-ECO	StencilWasher-LD	StencilWasher-ZD	StencilWasher-CLR
Application	Solder Paste Removal	Solder paste and uncured adhesive removal	Solder paste and uncured adhesive removal	Solder paste and uncured adhesive removal
Dimensions	39"L X 25" W x 32" H	48"W X 34" D x 40" H	StencilWasher: 48"W X 34" D x 40" H Evaporator: 41"L x 23"W x 46" H	48"W X 34" D x 40" H
Weight	350 lbs	550 lbs	1100 lbs (combined)	550 lbs
Frame Construction Panels	Welded tube steel 16 gauge steel	Welded tube steel 16 gauge steel	Welded tube steel 16 gauge steel	Welded tube steel 16 gauge steel
Finish	Powder-coat epoxy	Powder-coat epoxy	Powder-coat epoxy	Powder-coat epoxy
Internal Plumbing	Stainless steel Polypropylene	Stainless steel Polypropylene	Stainless steel Polypropylene	Stainless steel Polypropylene
Electrical Requirements	120 VAC 10 amps	230 VAC 1Ø 50 amps	StencilWasher: 230 VAC 1Ø 50 amps Evaporator: 230 VAC 3Ø 40 amps	230 VAC 1Ø 50 amps
Wash Tank Capacity	16 Gallons (60.5 liters)	35 Gallons (132 liters)	35 Gallons (132 liters)	35 Gallons (132 liters)
Maximum Stencil Size	29" x 29" (74 cm x 74 cm) 25" x 29" immersion (63.5 cm x 74 cm)	29" x 29" (74 cm x 74 cm) Full immersion	29" x 29" (74 cm x 74 cm) Full immersion	29" x 29" (74 cm x 74 cm) Full immersion
Drain Requirements	¾" NPT	¾" NPT	¾" NPT Connected to evaporator	¾" NPT Maintenance use only
Wash Cycle Timer Ultrasonics	Analog 1 – 99 minutes 500 watt	Digital 1 – 99 minutes 1000 watt	Digital 1 – 99 minutes 1000 watt	Digital 1 – 99 minutes 1000 watt
Hand-Held Rinse Wand	Standard	Standard	Standard	Standard
Hand-Held Airknife	Standard	Standard	Standard	Standard
Wash Solution Heater	N/A	Standard	Standard	Standard
Wash Water Filtration	Optional	Standard	Standard	Standard
Rinse Water Filtration	Optional	Standard	Standard	Standard