



Model 900 Stencil / Batch Cleaner

- Stainless Steel Construction
- Cleans Stencils up to 29" x 29"
- Low profile allows easy loading and unloading
- Side mounted "sweep frequency" ultrasonic transducers with 10 year limited warranty
- Guaranteed cleaning
- Casters for multiple locations
- Easy maintenance and low cost
- Field expandable and retrofit able to meet future needs
- Clean solder paste, SMD adhesives and post solder flux residue



The Low Cost / High Efficiency Stencil Cleaner

The Model 900 Stencil / Batch Cleaner is designed for the SMT Assembler that is currently washing and rinsing stencils and tooling manually and desires improved and consistent cleaning of fine-pitch stencil apertures and reduced stencil damage caused by manual cleaning. This is also a good entry-level machine for users not able to purchase a fully automatic system yet require the cleaning efficiency of an ultrasonic stencil cleaner. The Model 900 offers the same wash capability as other more automated systems without the added cost of automated features. Rinsing, if necessary, may be accomplished with the Recirculated Rinse option or manually in another vessel.

The Model 900 is designed to be expandable and retrofit able in the field by adding such options as a Rinse Tank, Hand-held Spray Rinse Assembly, Power Drain, Torrent Clean, etc.

As with all Smart Sonic Stencil Cleaning Systems, when using 440-R SMT Detergent, the Model 900 is guaranteed to clean any type of solder paste from any fine-pitch stencil!

Model 900 Stencil / Batch Cleaner



Shown with optional filtration and generator rack



Inside tank – shown with Torrent Clean and filtration options

Specifications:

Overall Dimensions:
Wash Tank Dimensions
Wash Tank Capacity
Maximum Frame Size

Model 900

20" x 34" x 37"H
6" x 31" x 30"H
22 Gallons (83 liters)
29" x 29" with one cycle
29" x 52" with two cycles

Utilities Required

Ambient Wash Tank	120 Volt, 1 Phase, 6 Amps
Heated Wash Tank	220 – 240 Volt, 1 Phase, 18 Amps
Water (for optional Hand Spray)	30 PSI

Average Wash Cycle Time When Using 440-R SMT Detergent

Wet solder paste	1 – 2 minutes
Dry solder paste	2 – 4 minutes
Wet SMD adhesives	2 – 4 minutes
Post solder flux build-up	2 – 5 minutes

Specifications subject to change without notice. © Smart Sonic Corporation 2003

Available Options:

- Ultrasonic Timer
- Filter Recirculator
- Parts Basket
- Hand-held Air Blow-off
- Stencil Drying Rack
- Torrent Clean (adhesive cleaning)
- Heater Control Package
- Rinse Tank
- Quick Kleen Liner
- Hand-held Spray Rinse Assembly
- Solder Paste Drain Trap
- Integrated Ultrasonic Generator Rack
- Power Drain
- Recirculated Spray Rinse

Other Smart Sonic Products:



440-R SMT
Detergent



Model 1500
Stencil Cleaner



Model 6000
Stencil Cleaner



Model SE-1
Evaporator



Model LTD-3
Stencil Dryer



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