



Model 500 - Tabletop Stencil / Batch Cleaner

- **Stainless Steel Construction**
- **Cleans 20" x 20" Stencils in one cycle**
- **Cleans 29" x 34" Stencils in two cycles**
- **Install in Table Top or Free Standing**
- **Side-mounted "sweep frequency" Ultrasonic Transducers with 10-year Warranty**
- **Guaranteed cleaning**
- **Spray or ultrasonic rinse capable**
- **Easy maintenance and low cost**
- **Cleans solder paste, SMD adhesives and post solder flux from stencils, pallets and misprinted PCBs.**



The Low Cost / Compact Stencil Cleaner

The Model 500 Tabletop Stencil and Batch Cleaner is designed for the SMT Assembler that is cleaning small stencils or low volume large stencils and desires improved and consistent cleaning of fine-pitch stencil apertures and reduced 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 500 offers the same cleaning results as other more automated systems without the added cost.

The Model 500 can be used free standing or mounted into an existing tabletop to conserve valuable floor space.

The Model 500 is designed to ultrasonically wash and rinse 20" x 20" (510 x 510 mm) stencils in less than two minutes. Stencils as large as 29" x 34" (750 x 860 mm) may be cleaned in less than 4 minutes by cleaning one half of the stencil at a time.

As with all Smart Sonic Stencil Cleaning Systems, when using 440-R SMT Detergent, the Model 500 is guaranteed to clean any type of solder paste from any fine-pitch stencil!

Model 500 Tabletop Stencil / Batch Cleaner



Shown mounted in Tabletop with 20-inch stencil
and optional Parts Basket



Wash and Rinse Tank Assembly
Shown with 23-inch stencil

Specifications:

Overall Dimensions:	Model 500 21.8" x 35.5" x 25"H
Wash Tank Dimensions	6" x 31" x 21"H
Wash Tank Capacity	14 Gallons (53 liters)
Maximum Frame Size	20" x 29" (510 x 750 mm) with one cycle 29" x 34" (750 x 860 mm) with two cycles

Utilities Required

Electrical	120 Volt, 1 Phase, 12 Amps
Water (w/ 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 2004

Available Options:

- Parts Basket
- Power Drain
- Hand-held Air Blow-off

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



SMART SONIC CORPORATION
ELECTRONICS TRADING & MFG CO., LTD.

6724 Eton Avenue • Canoga Park, California 91303 • USA

Tel: 1(818) 610-7900 • Fax: 1(818) 610-7909

E-mail: smt@smartsonic.com • Web: <http://www.smartsonic.com>