



500 Series Tabletop Stencil / Batch Cleaners

- Heated wash for cleaning lead-free solder paste, pallets and adhesives
- 100% Stainless steel construction
- Two model sizes to conserve energy, use less chemistry and generate less waste
- Install in table top or free standing
- Side-mounted “sweep frequency” ultrasonic transducers with 10-year warranty
- Guaranteed cleaning
- Spray and ultrasonic rinse capable
- Easy maintenance and low cost
- Cleans solder paste, SMD adhesives and post solder flux from stencils, pallets and misprinted PCBs.
- Optional features to allow for custom applications



The Low-cost / Compact Stencil Cleaners

The 500 Series Tabletop Stencil and Batch Cleaners are designed for the SMT Assembler that is cleaning small stencils, tooling or low volume large stencils and desires improved and consistent cleaning of fine-pitch stencil apertures and reduced damage caused by manual cleaning. The 500 Series is also an excellent entry-level machine for users not able to purchase a fully automatic system yet require the cleaning efficiency of a Smart Sonic ultrasonic stencil cleaner. The 500 Series offers the same cleaning results as a semi automatic or fully automatic system without the added cost.

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

The Model 520 is designed to ultrasonically wash and rinse stencils up to 20" x 20" (510 x 510 mm) and the Model 529 will handle stencils up to 29" x 29" (750 x 750 mm). Both models can accommodate larger stencils by cleaning one-half at a time.

While other cleaning chemistries may be used, all Smart Sonic Stencil Cleaners are guaranteed to clean any type of solder paste from any fine-pitch stencil when using Smart Sonic's 440-R® SMT Detergent!

The Series 500 are the most affordable ultrasonic stencil cleaners... *and they're a Smart Sonic!*

500 Series Tabletop Stencil / Batch Cleaners



Shown mounted in Tabletop with optional Parts Basket



Wash and Rinse Tank Assembly

Specifications:

Overall Dimensions:	Model 520 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 (Models 520 & 529)

Electrical	120 Volt, 1 Phase, 12 Amps
Water (w/ optional Hand Spray)	30 PSI
Air (w/ optional Air Blow-off)	20 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

Model 529

Overall Dimensions:	21.8" x 35.5" x 31"H
Wash Tank Dimensions	4.5" x 31" x 27"H
Wash Tank Capacity	14 Gallons (53 liters)
Maximum Frame Size	29" x 29" (750 x 750 mm) with one cycle 29" x 48" (750 x 1220 mm) with two cycles

Available Options:

- Misprint fixture
- Parts Basket
- Wash/Rinse Filtration
- Power Drain
- Hand-held Spray Rinse
- Hand-held Air Blow-off
- EnviroGuard Filtration

Specifications subject to change without notice. © Smart Sonic Corporation 2008

Other Smart Sonic Products:



440-R SMT
Detergent



Model 1500
Stencil Cleaner



Model 6000
Stencil Cleaner



Model SE-1
Evaporator



EnviroGuard
Closed Loop System



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