

# Series 2000 Semiautomatic Stencil Cleaners



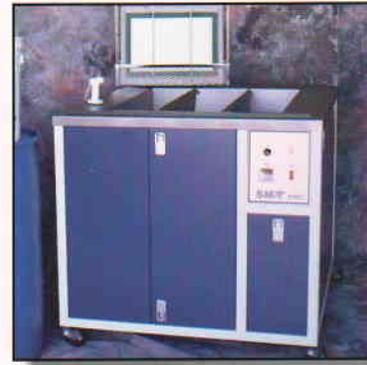
**Model 2000**

Designed for a single cleaning application

- Clean solder paste or
- Clean SMD adhesives or
- Clean flux residue from tooling

Standard Configuration:

- 1 Ambient temperature wash tank
- 1 Spray rinse tank
- 1 Drip dry rack



**Model 2003**

Designed for two or more cleaning applications

- Clean solder paste and
- Clean SMD adhesives and
- Clean flux residue from tooling

Standard Configuration:

- 1 Heated wash tank
- 1 Ambient wash tank
- 1 Spray rinse tank

The Model 2000 is a traditional ultrasonic system where the user manually moves the stencil from the wash tank into the adjacent spray rinse tank. Normal cycle time to wash and rinse a stencil is only 1-2 minutes! With the addition of the optional wash tank "Heater Control Package", the Model 2000 can also be used for other single cleaning applications such as cleaning wet adhesives from stencils and misprinted PCBs or cleaning flux buildup from pallets, oven radiators, etc.

The Model 2003 is designed for multiple cleaning applications involving different contaminants. The 2003 comes standard with two wash tanks. Wash tank #1 is an ambient wash tank for safe cleaning of solder paste from stencils, screens, misprinted PCBs and tooling. Wash tank #2 is heated for effective cleaning of SMD adhesives from stencils, misprinted PCBs and dispenser nozzles and/or post solder flux residue from pallets, oven radiators and other tooling requiring a warm wash solution.

## SPECIFICATIONS:

Overall Dimensions  
Wash Tank Dimensions  
Wash tank capacity  
Maximum frame size

### Utilities Required

Ambient wash tank  
Heated wash tank  
Water

### Average Cycle Time

Wash & Rinse Wet Solder Paste  
Wash & Rinse Dry Solder Paste  
Wet SMD adhesives  
Flux residue buildup (rosin)

## Model 2000

45" x 41" x 35"H  
9" x 31" x 30"H  
26 gallons (98 liters)  
29" x 29" with one cycle\*  
29" x 50" with two cycles

120 V, 1Ph, 9 Amps.  
208 - 240 V, 1 Ph, 19 Amps.  
40 PSI (Soft or DI Water)

1 - 2 minutes  
2 - 4 minutes  
2 - 4 minutes (heated wash)  
2 - 5 minutes (heated wash)

## Model 2003

45" x 41" x 35"H  
9" x 31" x 30"H (two wash tanks)  
26 gallons (98 liters)  
29" x 29" with one cycle\*  
29" x 50" with two cycles

208 - 240 V, 1 Ph, 19 Amps.  
40 PSI (Soft or DI Water)

1 - 2 minutes  
2 - 4 minutes  
2 - 4 minutes (heated wash)  
2 - 5 minutes (heated wash)

## 440-R SMT Detergent

### Recommended Concentrations

RA solder paste 10 - 12%  
RMA solder paste 10%  
No Clean 10 - 12%  
Synthetic flux 10 - 12%  
Water washable solder paste 0 - 2%  
SMD Adhesives 10% (heated)  
Post solder flux buildup (rosin) 10% (heated)  
Post solder flux buildup (OA) 2 - 5% (may require heat)  
Hybrid Inks Consult factory

Specifications are subject to change without notice.

\* Wash tank depth is 24". Approximately 5" of a 29" stencil will not be immersed to serve as a "handle" to move stencil from wash to rinse tank.



Best New  
Cleaning Product