



Spray Acid Tool (SAT) Restoration Plan

Rhetechnology is Semitool's only authorized supplier of Semitool restoration services. Rhetechnology SAT restoration programs **reduce cost of ownership** by improving reliability, productivity and operating life.

Process Chamber

- Install **NEW** adapter seal assembly
- Install **NEW** motor
- Install **NEW** N₂ filter
- Inspect and clean nozzles
- Replace all O-rings
- Inspect and clean all internal seals
- Bevel spring washers (replace as needed)

Flow Meters

- Clean and inspect for leaks

Door

- Inspect for warpage*
- Rebuild door piston mechanisms*
- Rebuild door plugs
- New DI gun

Electronics

- Recalibrate and adjust power supplies
- Recalibrate and adjust liquid level sensors
- Recalibrate and adjust motor controllers

Note: Monochrome back screens are not covered by the Rhetechnology Restoration Warranty. Consult Rhetechnology on available upgrades.

Additional Items

- Cleaning of cabinet and frame, replacing all badly corroded parts and fittings
- Final tested through Rhetechnology's quality program

Tanks

- Clean and rebuild pumps*
- Clean and inspect tanks for leaks
- Replace immersion type heaters
- Replace thermocouples
- Inspect O-rings; replace if necessary
- Clean, inspect and or replace liquid level sensors
- Upgrade liquid level sensor brackets

Supply Drain Valves and Tubing

- Inspect and clean
- Replace as needed
- Rebuild and replace poppets
- Inspect/replace O-rings and valve seals

SRD Chamber

- Balance and electropolish rotor
- Premium series SRD restoration



Notes:

**If these items cannot be repaired, replacement will be quoted separately.
A Level 1 Decontamination must be performed on all tools prior to shipment or be subject to a \$7500.00 charge.
All O-rings covered under this restoration are replacements of standard OEM parts.
Any additional repairs, upgrades, and configuration changes quoted separately.*