



Equinox (Acid) Series Restoration Plan

*Rhetechnic is Semitool's only authorized supplier of Semitool restoration services. Rhetechnic Equinox® restoration programs **reduce cost of ownership** by improving reliability, productivity and operating life. Restoration begins with a Level 2 Decontamination followed by:*

Process Chambers

- Clean and restore process bowls
- Electropolish SRD bowls
- Inspect and clean Process Nozzle Manifold; replace seals
- Install **NEW** N₂ filter
- Install **NEW** N₂ heater element

Flow Sensors

- Clean and inspect for leaks
- Inspect O-rings and replace if necessary

Electronics

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

Lift & Rotate Assemblies

- Tear down and inspect
- Repair
- Clean, calibrate and test

Additional Items

- Clean cabinet and frame; replace badly corroded parts and fittings
- Final test through Rhetechnic'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

Supply, Drain Valves and Tubing

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

Wafer Handling Robot

- Evaluate and clean
- Rebuild by OEM robot supplier (optional)

Nest Assemblies

- Inspect, clean and calibrate



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.*