



Equinox (Solvent) 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

- Electropolish 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

Lift and Rotate Assemblies

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

Electronics

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

Nest Assemblies

- Inspect, clean and calibrate

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 & inspect for leaks; electropolish
- Install **NEW** sight gauge
- Install encapsulated glass floats
- Replace 2000w Teflon® immersion type heaters or external blanket heaters and thermocouples

Supply, Drain Valves and Tubing

- Inspect and replace o-rings and valve seats
- Chemical supply tubing: decontaminate SS tubing; or replace Teflon® tubing
- Rebuild and replace poppets
- Test

Wafer Handling Robot

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



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.*