



CUSTOM RETROFITS, UPGRADES
AND REFURBISHMENTS



CUSTOM RETROFITS, UPGRADES, & REFURBISHMENTS

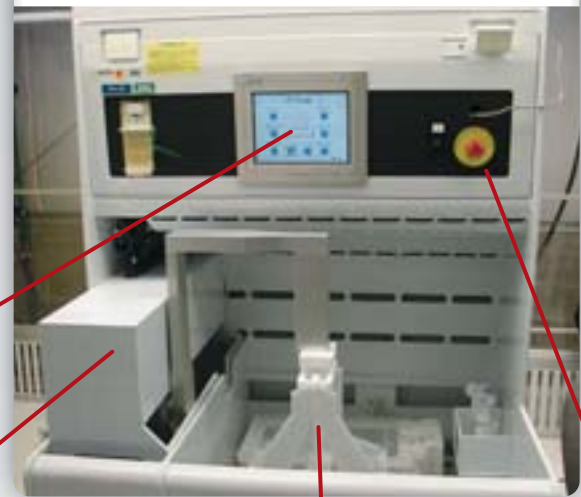
MEI can extend the usable life of your wet processing equipment, from wet systems and dryers, to tanks and plumbing.

We can replace parts, upgrade equipment and material, or completely redesign your existing system within the confines of its current shell and footprint. We can also repair and upgrade your existing support systems.

MEI OFFERS...

- Service, upgrades, and refurbishing on a variety of OEM systems, including Verteq, Akרון, SCP, Bold, UltraFab, SEZ, STI, and others
- Full start-up, testing, and training available
- In-house and Global Field Service
- Standard 1-year warranty
- Drop-in Kits

UPGRADED AND RETROFITTED



Touch screen controls

Robot

End effector

EMO



Refurbished SRD.

TYPES OF RETROFITS, UPGRADES, & REFURBISHMENTS

- Integration of megasonics, ultrasonics, or mechanical agitation
- Upgraded operator interface, controls, and MEI swing arm
- Control systems — PLC and Cell controllers
- Process changes: new or additional
- Increase wafer size up to 300 mm
- Safety and ergonomic upgrades
- IDX automation software upgrade
- FM-4910 material upgrades
- Fire suppression upgrade
- Manual fill to Bulkfill conversion
- Rebuild/Refurbishment of robots

BENEFITS OF MEI RETROFITS, UPGRADES, & REFURBISHMENTS

- Reconfigurations for new or additional processes
- Lower cost than purchasing new equipment
- Alterations to meet new standards or codes
- Improving equipment capabilities
- Extended equipment lifetimes
- Lower maintenance costs

SUPPORT EQUIPMENT UPGRADES & REFURBISHMENTS

SPIN RINSE DRYERS (SRD)

- New FM4910 upgraded enclosures
- Motor rebuilds and replacements
- New controllers
- Bowl and rotor electro polishing
- Heater replacements
- Rotor refurbishing and replacements
- Rotor balancing
- New door seal

HEATER/CHILLERS

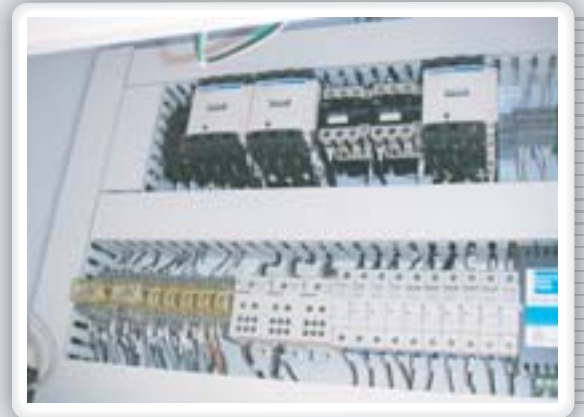
- Enclosure refurbishing
- Replace/repair/refurbish pumps and compressor
- Replace/repair/refurbish probes, sensors & switches

CHEMICAL DELIVERY SYSTEMS (CDS)

- Upgraded controls, plumbing and electronics
- Upgraded FM4910 enclosures
- IDX automation software upgrade
- Upgraded level sensors
- Add scales
- Upgrade to include mixing capability



New MEI Advancer strip bench utilizing tanks and filter recirculation pumps from system being replaced.



New electrical panel.



Upgraded pneumatics.

ABOUT MEI...

MEI specializes in providing products and services to semiconductor companies and other high technology manufacturers. In business since 1990, our specialties include wet process systems and services, robotics automation software, process tool rigging and crating services, clean room safety, ergonomic, and support equipment, as well as a variety of manufacturing services including machine fabrication, metal fabrication, plastic fabrication and powder coating.



MEI, LLC
3474 18TH AVENUE SE
ALBANY, OR 97322

PHONE: (541) 917-3626
FAX: (541) 917-3623
SALES: (541) 704-2424
SALES FAX: (541) 917-0174