

Fully Automated Stripping and Cleaning System

Features

- Automated modular wet process station
- Configurable for wet strip and clean applications
- Temperature controlled circulating filtered process tank
- Quick dump rinse
- Surface tension gradient dryer option
- Programmable processing recipe
- Robotic movement of cassettes to processing tanks
- Auxiliary chemical distribution option
- User-friendly software with touch screen interface

Solvent compatible Orca system

MicroTech Systems is an established wafer and substrate cleaning capital equipment company. The Orca™ Automated Wet Process System for aqueous or solvent-based chemistries is the platform for multiple stripping and cleaning processes such as sulfuric peroxide [SPM], RCA critical cleaning, dilute HF, and hot phosphoric nitride strip. The Orca is also available for solvent cleaning.

The configurable Orca wet process station enables temperature and concentration controlled processes. This fully automated, cassette-to-cassette system can be custom configured to include multiple temperature-controlled circulating tanks, quick dump rinse tanks and a surface tension gradient dryer.

Custom configurable to meet specific process requirements

**Orca
Automated Wet Process
Station**



**MICROTECH
SYSTEMS, INC.**

4466 Enterprise Street, Fremont CA 94538 phone: 510.651.5277 fax: 510.651.3374
www.microtechprocess.com

Platform

- Wafer sizes up to 300 mm
- Flush mount or ballroom design options
- Chemical compatible components
- Compliant with SEMI standards; S2-93
- CE certifications NFPA 79
- Factory Mutual (FM) certification
- Configurable to customer needs
- Fully automated robot
- Chemical distribution system option

Modules

- Custom tanks for each chemical
- Temperature controlled tanks
- Megasonics available
- Recirculating and filtering available
- Quick dump rinse
- Surface tension gradient dryer option

Software

- GUI-based PC Microsoft XP
- Touch screen
- Recipe controlled
- SECS-GEM capable



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