



# TORRENT<sup>®</sup>

## SEMITOOL Batch Spray System

Industry Proven SEMITOOL Spray Technology

### CLEAN ■ ETCH ■ STRIP

#### Features

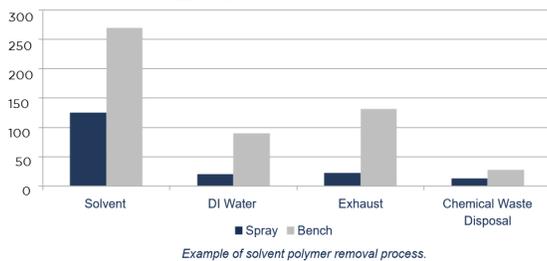
- Uniform, flexible, repeatable process
- Single/dual chamber
- 25/50 wafer batch at 200mm
- 25/50/75 wafer batch <=150mm
- Sealed chamber for operator safety
- Chemical concentration monitoring
- Proven Enhanced Spray Technology™ (EST)
- Dry in Dry out processing
- Host communication
- High throughput
- Windows 10

#### Benefits

- Chemical savings with patented Ozone process
- Fab footprint reduction over wet bench
- MEMS HF Vapor spring release process
- Low exhaust and facilities needs
- Low chemical & DIW consumption
- Improved spray uniformity across the wafer and across the load
- Low waste



#### Low CoO



#### CLEAN

- RCA Cleans
- Flux Cleans
- Solvent Polymer Cleans
- Ozone Post-DRIE Clean
- Polymer Removal
- Ozone Post-Ash Cleans
- Fluorozone Clean
- Post-Dice cleans

#### ETCH

- Metal Etch with Advanced EPD
- Sequential UBM Etch
- Silicon Etch
- Oxide Etch
- Glass Etch

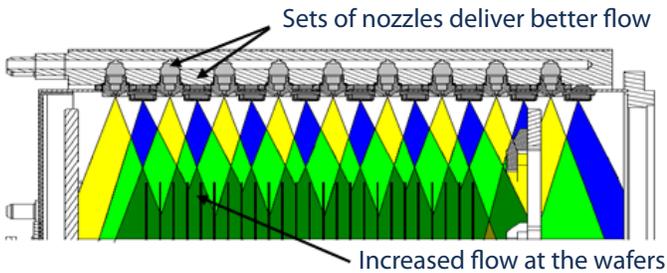
#### RESIST STRIP

- Hydrozone Resist Strip
- Hydrozone+ Resist Strip and Particle Clean
- Solvent Resist Strip
- Sequential Etch Resist Strip

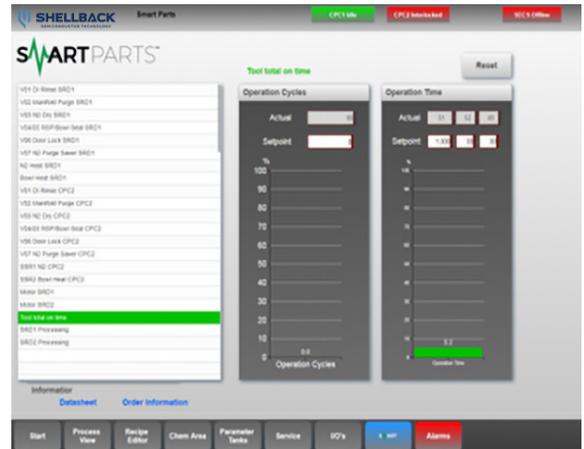


# Industry Proven SEMITOOL Batch Spray Technology

## Fluids Delivered Using Our Enhanced Spray Technology™



- Building system intelligence to drive predictive maintenance and better uptime
- Track key parts against operational usage and manufacturers recommended lifetime
- Download part numbers for easy ordering



## Reduced Footprint Optimized for Process Types W x D x H

### Single Chamber

4 Tank Version\*

**SAT**

**SST / SOT**



1143 x 2026 x 2213 mm  
45 x 80 x 87 in

1067 x 1835 x 1937 mm  
42 x 72 x 76 in

\*SST 6 Tank Version Available

### Dual Chamber

**SAT / SOT**

6 Tank Version

**SST**

7 Tank Version



2020 x 2286 x 2273 mm  
80 x 90 x 89 in

2546 x 1124 x 2162 mm  
100 x 44 x 85 in

## Automated Spray Batch Up to 300mm Wafers



## Clean ■ Etch ■ Strip

Scan to see more product information



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