

Spray Acid Tool (SAT) features the latest technical developments in the 25/50 wafer batch process. It is equipped with convenient side access to make regular maintenance service easy. SAT's Enhanced Spray Technology (EST) offers up to six rows of nozzles and the 25/50 wafer chamber ensures high throughput and reliable wafer surface chemical-mixture wetting with respective chemical mixtures.



SAT is designed to SEMI guidelines S2 and CE

## ● Features and Benefits:

- 25- and 50-wafer batch process—High throughput, semi-automated
- Reduced drag out together with reduced chemical and DI water consumption mean low cost of ownership
- Flexible chemical configurations: Up to 4 chemical tanks
- Components are universal across Cintillio platforms
- Modular construction and service-friendly design

## ● Applications

- |                           |                      |
|---------------------------|----------------------|
| — Metal etch              | — UBM etch           |
| — Oxide etch              | — CU rework          |
| — GaAs etch (recess etch) | — Polymer removal    |
|                           | — Photo resist strip |

## ● Key Capabilities

- Fast install and start-up time
- High up time
- High MTBF
- Low maintenance
- Low spare-part costs



Cintillio tools are part of OEM Group's LEGENDS™ family of systems

## Features and Benefits

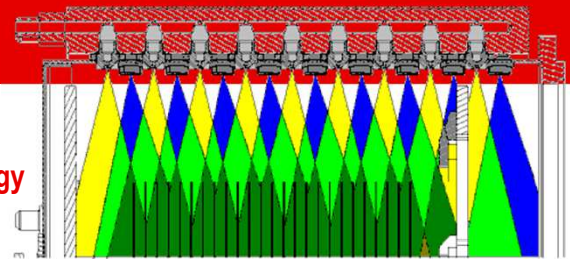
### ● Specs

- Dimensions: 1m x 1.8m x 2.3m (w/d/h)
- Small tool footprint: 1.7m<sup>2</sup>
- Throughput: up to 136 wph (200mm)
- 50mm, 100mm, 150mm, 200mm — all on same tool
- Facilities: DIW, N<sub>2</sub>, O<sub>2</sub>;
- Power requirements: 208 3-phase or 380 3-phase, 60A, 60/50 Hz
- Payloads: 1 - 50 wafers

### ● Advantages

- Lowest CoO available for photo resist strip and organic cleans
- Smallest tool footprint for photo resist strip
- Minimal facility requirements
- Exceptional process performance and proven platform

### Enhanced Spray Technology



- Uniform media flow across the wafers and efficient extraction of media from the process chamber
- Efficient rinsing, higher yield

### ● Industrial-standard Components

- B&R Industrial PLC, motor controller and PC
- Pilz programmable EMO circuit
- Rotary encoder for RPM monitoring and control
- SMC solenoids via bus-interface
- Eddysonic Vortex flow-meter for standard applications
- Process-critical items manufactured by OEM Group to ensure integrity

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