

# Advanced Wet Processing Tools

## For Smaller Wafers and Emerging Technologies

**ClassOne**  
TECHNOLOGY

### WET-PROCESSING TOOLS FOR THE SMALLER-SUBSTRATE WORLD

#### **Solstice® S8** **Electroplating** **Volume Production** **Up to 8 chambers** For 75-200mm substrates

The S8 is the smart, affordable step up from wet bench to high-performance plating automation. It can dramatically increase throughput while boosting quality, uniformity, reliability and ROI for a broad range of processes.

- For plating, cleaning or etching
- Cassette-to-cassette automation
- Up to 75wph throughput
- 8-chamber process flexibility
- Thin or bonded substrates
- Transparent or opaque substrates



#### **Solstice® S4** **Electroplating** **Production System** **Up to 4 chambers** For 75-200mm substrates

For some users, the S4 can provide an even lower-cost entry point into mid-level automated plating production. This tool still provides many S8 capabilities, but with fewer chambers, for a smaller footprint and lower cost.

- For plating, cleaning or etching
- Cassette-to-cassette automation
- Up to 4 chambers
- Smaller footprint, lower cost
- To replace older plating systems



#### **Solstice® LT** **Electroplating** **Development System** **Up to 2 ECD chambers** For 75-200mm substrates

With manual wafer load and unload, the Solstice LT provides for easy, high-performance process development. It features automated recipe execution and the same chambers and controls as the Model S8, enabling easy scaling.

- For plating, cleaning or etching
- 2 ECD or 1 ECD & 1 prewet chamber
- 1 or 2 chemistries
- Full compatibility with S4 and S8
- Smallest footprint



#### **Trident® SST** **Spray Solvent** **Tools** **2/4/6 Tank Models** For 75-300mm substrates

Utilizing Deluge technology, these next-generation batch-processing SSTs deliver a continuous, uniform cascade of solvent or rinse water without using spray nozzles, which dramatically enhances process performance.

- Cuts chemical consumption
- Shortens process time
- Reduces defects
- Increases uptime/productivity
- Reduces capital expense



#### **Trident® SRD** **Spin-Rinse-Dryer** **Tools** **Single or Double-Stack** For 75-300mm substrates

These easy-to-use, front-loading SRDs efficiently and rapidly remove residual chemicals after wet processing and dry the substrates completely without leaving water spots.

- Full touch-screen control
- Single or double-stack models
- DI water recirculation
- N<sub>2</sub> saver
- Overtemp protection
- Data logger



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