

TRIDENT



Features

- Stainless-steel cabinetry
- Negative-pressure motor seal
- Non-contact ultra-pure N₂ heater
- Full-control facility panel
- Door-top DC ionizer
- Full wrap-around bowl heater
- PLC display with color touch screen

Benefits

- FM4910 compliance
- Much cleaner seal, reduced particles
- Cleaner N₂
- Precise control of flows and pressures
- Reduced particles
- Optimum drying performance
- All components readily available

TRIDENT™ SRD

Spin Rinse Dryer Batch Processing Systems

Delivering advanced SRD performance for 75-200mm Substrates

The Trident™ family of spin rinse dryers (SRDs) from ClassOne Technology is all new equipment providing state-of-the-art technology in cleaning and rinsing wafers after wet processing – rapidly and efficiently removing residual chemicals and drying substrates completely without leaving water spots.

The system's non-contact heating results in cleaner nitrogen gas (N₂) because it places a filter after the heater and eliminates direct contact between N₂ and the heater. Trident SRDs also use ultra-pure valves and fittings throughout, and all systems include a comprehensive facility panel to precisely control all pressures and flows. These are typical of the design advances and efficiencies that give Trident its uniquely attractive performance-to-price value.

ClassOne's easy to use Trident SRD tools are available in bench-top, roll-around single-stack and dual-stack configurations, for processing up to 50 substrates per batch. The system accommodates 75mm to 200mm wafers, depending upon the model, chamber size and rotor used.

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Trident SRD Standard Specifications

- Quick-disconnect rotor (single bolt)
- Rotors included (customer selects size)
- LCD color touch screen
- Direct drive brushless motor
- All stainless-steel cabinetry
- Emergency power off (EPO), front and rear
- Foot-activated door-open switch
- Deionized water recirculation saver
- Resistivity monitor controller and probe
- Data logger
- Heater alarm
- Over temperature protection
- Ultra-pure Teflon pneumatic valves, pillar fittings
- Drain-trap connection
- All stainless steel, easy-access panels
- CE-certified

Options

- 50-wafer capacity bowl (to fit 2 cassettes)
- Substitute SS panel with FM4910 material
- Light tower with 3 indicator lamps R/Y/G
- Rear display
- Bulk mount
- Extended warranty (2 years)

Models

- **75mm-150mm models**
 - 2600: Single stack, tabletop model
 - 4600: Single stack, roll-around model
 - 8600: Dual stack
- **75mm-200mm models**
 - 2800: Single stack, tabletop model
 - 4800: Single stack, roll-around model
 - 8800: Dual stack

Chamber Options

- Low profile chamber for 75-150mm substrates
- Low profile chamber for 75-200mm substrates
- High profile chamber for 75-200mm substrates

