

ClassOne Technology

Spin Rinse Dryer

ClassOne
EQUIPMENT

ClassOne's all-new Spin Rinse Dryer (SRD) is engineered to provide the greatest performance possible at a cost far below the competition.

Available for 50mm to 300mm substrates:

- 150mm Low Profile Bowl
- 200mm Low Profile Bowl
- 200mm High Profile Bowl
- 300mm High Profile Bowl

Available in Single Stack or Dual Stack configurations:

- Single Stack, Bench-Top
- Single Stack, with Roll-Around Cabinet
- Double-Stack

Standard Specifications:

- Quick Disconnect Rotor (single bolt)
- Rotors included with purchase (customer select size)
- LCD Color Touch Screen
- SK1600 Programmable Logic Controller (PLC)
- Direct Drive Brushless Motor
- All Stainless Steel Cabinetry
- EPO: Emergency Power Off, Front and Rear
- Foot Activated Door Open Switch
- DI Water Recirculation
- N2 Saver
- Resistivity Monitor Controller and Probe
- Data Logger
- Heater Alarm
- Overtemp Protection
- Ultra-Pure (UP): Teflon Pneumatic Valve with Pillar Fittings
- Drain-Trap Connection
- All Stainless Steel, Easy Access Panels
- CE certified

Options Available:

- 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)



ClassOne 2800 SRD

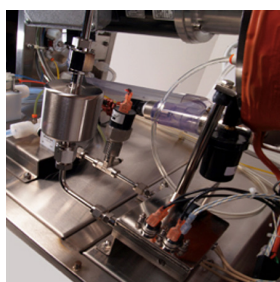


ClassOne 8800 SRD

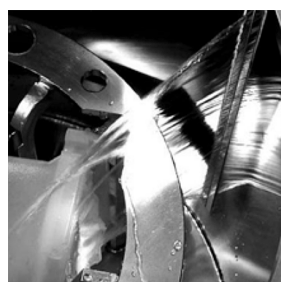
Advantages of ClassOne's Spin Rinse Dryer:

Feature:	Advantage:
Stainless Steel Cabinetry	• FM4910 compliance
Negative Pressure Motor Seal	• Much cleaner seal. • Better particle performance.
Non-Contact Ultra-Pure N2 Heater	• Clean N2. • ClassOne's N2 Filter is located after the heater, N2 is not in contact with Heater.
Water Spray Manifold provides continuous flow across the wafer surface	• Uniform Rinse • No need for replacing expensive nozzles
Facility Panel to regulate pressures and flows of N2 and DI Water	• Precise Control of flows and pressures
Ionizer (DC Ionizer) mounted on top of door	• Design eliminates particulates • Ionizer isn't inside the chamber which causes shorts and particulates (particle generator)
Full Wrap-Around Bowl Heater	• Uniform and improved Drying performance
PLC Control with Color Touch Screen Display	• All components are readily available and do not need to be purchased through the OEM.

Features



Non-Contact Ultra-Pure N2 Heater Filter after heater, N2 is not in contact with Heater



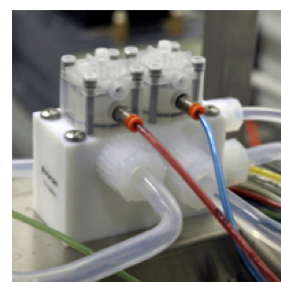
Uniform Water Spray Manifold No need for replacing expensive nozzles, with our single slot deluge design, we provide an even continuous flow across the wafer surface, providing the ultimate in uniform rinsing



Emergency Power Off (EPO) Front and Rear Standard on ClassOne SRDs



Facility Panel regulates pressures and flows. Standard on ClassOne SRDs



Ultra-Pure Fittings and Valves Teflon Pneumatic Valves, Pillar Fittings for all wetted DI

150mm Models	200mm Models	300mm Models
8600: Dual Stack	8800: Dual Stack	4900: Single Stack, roll-around model
4600: Single Stack, Roll-Around Model	4800: Single Stack, Roll-Around Model	2900: Single Stack, table top model
2600: Single Stack, Table Top Model	2800: Single Stack, Table Top Model	

Contact a ClassOne representative for more information

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