



Cyclone™

High Pressure Wafer and Photomask Cleaner



WHEN MANUFACTURING EXCELLENCE IS THE DRIVER!

CLEAN EFFICIENT AFFORDABLE

S-Cubed offers long proven process capability in combination with the most up to date control and software capabilities. New control technology has enabled a substantial reduction in cost, permitting *S*³ to offer new equipment at costs that often are lower than used or rebuilt equipment, while offering superior process capability, reliability and new equipment warranty. The *Cyclone*™ provides the highest in performance, not in spite of its low cost, but because of it... *intelligent application of technology while at the same time lowering cost.*

Features Include:

- PC Control for Unlimited Programming, Storage, and Reporting
- Color LCD Touch Screen Graphic User Interface (GUI)
- Capable of Processing up to 12-inch Diameter Substrates
- Spin Chucks for 4" x 4" to 9" x 9" Photomasks
- Brushless DC Spin Motor
- Two Dispense Arm Capability
- Arm Speed and Positioning Fully Programmable
- Fully Programmable Oscillating High Pressure D.I. Water Jet
- High Pressure Adjustable to 2,000 PSI with 0.2um Filtration
- Deployable Crimped Nylon Brush Assembly (3 mil. or 5 mil.) with Programmable Rotational Speed, Brush Pressure, and Oscillation; Low Pressure D.I. Water Spray on Brush
- D.I. Water and Nitrogen Backside Rinses
- Radially Exhausted Process Chamber
- Materials Compatible with Photoresist Strippers
- Standalone Polypropylene Enclosed Cabinet
- System Safety Interlocks
- Push Button Lid Operation (Open/Close)

Optional Features Include:

- Programmable Exhaust Control
- Heated D.I. Water Dispensing
- CO₂ D.I. Water Re-ionizing Unit
- Level One Clean Assembly for Dispenses, Top and Backside
- Programmable 3-Way Drain Diverter, 3/4"
- Stainless Steel 5-Gallon Canister with Level Sensing

Model 300/HP
Small Footprint
Manual Load / Unload
PC Based (Windows XP GUI)
Color LCD Touchscreen
All Servo Motion Control
Ultra High Reliability

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