

CYCLONE™

High Pressure Wafer and Photomask Cleaner

COAT ■ DEVELOP ■ BAKE ■ WEE



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 S3 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.

Model 300/HP

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

S-Cubed System Features

- Small footprint
- Color LCD touchscreen
- One or two spin modules
- Unlimited process storage capabilities
- Remote data collection and control
- Stacked thermal modules
- Multiple size substrates without change
- Servo motion control
- Process substrates up to 300 mm
- Proven modular design
- Ultra high reliability

For more information on all products including the new Flexi III™ system, the TruClean™ double sided scrubbing systems, and Cyclone™ spin processors, please visit our website: www.s-cubed.com.

S-CUBED

Solid • Smart • Stable

S-Cubed Inc.
9 Mars Court, PO Box 365, Montville, NJ 07045
Phone: (973) 263-0640 ■ Fax: (973) 263-8888

www.s-cubed.com

CYCLONE™

High Pressure Wafer and Photomask Cleaner

Available 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
- Programmable 3-Way Drain Diverter, 3/4"
- Stainless Steel 5-Gallon Canister with Level Sensing



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