

SUBSTRATE CLEANING SYSTEM

MODELS SCSx124 & 126

DESCRIPTION:

The **highly efficient** Models SCSx124 & 126 are the ideal solution for submicron cleaning of Photomasks, Wafers & Substrates. The **very reliable & cost effective** system utilizes **proven** assortment of cleaning technologies. The SCSx124 & 126 can be configured with several different cleaning options including Atomizing Mist Nozzle, Brushes, Megasonic Nozzles & Pies, High Pressure DI, & much more. The Rapid & Effective Drying technique combines Variable Spin Speeds, optional Heated DI, Nitrogen Assist or Heat Lamp.

FEATURES:

- Up to Twelve (12) Inch Diameter Substrate and 9" x 9" Photomask Compatibility.
- Main Spindle Assembly having DC Brushless Motor (can be upgraded for more control).
- Recipe Adjustable Arm Speed & Travel Positions.
- Radially Exhausted Chamber for Maximum Laminar Flow.
- Stand-alone Polypropylene Cabinet.
- Microprocessor Control Capable of Retaining Thirty (30) Recipes in Memory each with up to Thirty (30) steps.
- Built in Safety Interlocks.
- Push Button Lid Open/Close.
- Touch Screen Graphic User Interface (GUI) with Ease of Programming, Security Lockouts, On-Screen Error Reporting, & Data Logging.
- Maximum Capability of Two Arms (124), Maximum Capability of Four Arms (126).

OPTIONS:

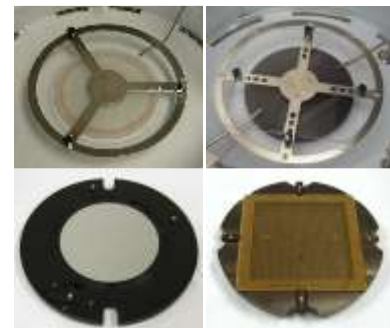
- Various sizes of edge-grip & vacuum chucks for Wafers, Photomasks, & other Substrates
- Height Adjustable Self Cleaning Brush Assembly
- N2 Drying Assist with 0.02 μm Filtration
- Fixed or Oscillating Low Pressure Dispenses
- Surfactant or Photoresist Dispense Canisters
- Auto Chamber Rinse
- Controllable & Adjustable Chamber Exhaust Assembly
- 0.2 μm Filtration for Low Pressure Dispenses
- D.I. Water Heater & Dispenses
- Oscillating Megasonic DI Water Dispense Arm
- Secondary Containment with Leak Detection
- Built to SEMI & CE Certification Standards



SCSx126 System Cabinet



Example of Process Chamber with Brush & Dispense Arms



Examples of Available Chucks

SYSTEM DIMENSIONS:

- Model SCSx124: 29.5" wide X 27.75" deep
- Model SCSx126: 34.5" wide X 27.75" deep
- Heater option adds additional 7.5" to depth

