

Double Sided Cleaning System

MODEL DCSx606

DESCRIPTION:

The *highly efficient* Model DCSx606 is the ideal solution for submicron double-sided cleaning of Photomask, Wafers and Substrates. The *very reliable* and *cost-effective* system utilizes *proven* assortment of cleaning technologies. The DCSx606 can be configured with several different cleaning options from High Pressure DI, Atomizing Mist Nozzle, Brushes, Megasonic Nozzles, and much more. The Rapid and Effective Drying technique combines Variable Spin Speeds, Heated DI, or Nitrogen Assist.

FEATURES:

- Up to Seventeen Inch (17") Diameter/Diagonal Substrate Compatibility or Multiple Smaller
- Main Spindle Assembly having Servo Motor with Push Button Indexing
- Adjustable Process Arm Speed & Travel Positions.
- Laminar Flow Exhausted Chamber
- Stand-alone Polypropylene Cabinet.
- Push Button lock for front opening & Built in Safety Interlocks
- Built in Chamber flush Assembly & DI-H₂O Line Purge for a Bacteria Free System
- Microprocessor Control Capable of Retaining Thirty (30) Reces each with up to Thirty (30) steps in Memory
- Touch Screen Graphic User Interface (GUI) with Ease of Programming & Security Lockouts, On-Screen Error Reporting with Data Logging & Reporting per Substrate
- Maximum capability of up to Two Process Arms

OPTIONS: Up to TWO Oscillating Arms:

- Various sizes of edge-grip chucks for Wafers, Photo mask, Optics, and Substrates both On & Off Axis
- Oscillating High Pressure &/or Atomizing Mist DI-H₂O Dispense Arm
- CO₂ Re-ionizer for Elimination of Static Charge
- Oscillating Adjustable Self Cleaning Brush Assembly
- Oscillating Megasonic DI-H₂O Dispense Arm
- N₂ Dry Assist with 0.02 μm Filtration
- Fixed or Oscillating Low Pressure Dispenses
- Surfactant or Chemical Dispense & Mixing Systems
- 0.2 μm Filtration for Low Pressure Dispense
- D.I-H₂O, Surfactant, & Chemical Dispense Heaters



DCSx606 System



Examples of Chuck configurations

SYSTEM DIMENSIONS:

Model DCSx606: 25" wide X 41" deep x 57" tall



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