

# Double-Sided Cleaning System

## MODEL DCSx607

### **DESCRIPTION:**

The *highly efficient* Model DCSx607 is the ideal solution for submicron cleaning of Flat Panels, Photo Masks and Large Substrates, or Multiple Smaller Substrates. The *very reliable* and *cost effective* system can be configured with several different cleaning options in Double-Sided Dispenses 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 Twenty-nine (29) Inch Diameter Substrate Compatibility with Maximum off-center substrate size of 9" x 9"
- Brushless Encoder Gear Reduced Servo Spindle Motor having Adjustable Speed, Acceleration, and Indexing. Sized for future requirement for 320mm diameter and 70mm thick tool & chuck.
- Process Arms Have Adjustable Speed and Travel Positions (Stepper Motor Driven).
- Maximum Capability of Four Arms.
- Radially Exhausted Chamber for Maximum Laminar Flow & Exhausted Drain.
- Stand-alone cabinet with Stainless Steel frame and polypropylene chamber and skin and having Polycarbonate Doors.
- Microprocessor Control capable of retaining Thirty (30) Recipes in Memory with each having up to Thirty (30) Steps.
- Touch Screen graphic user interface (GUI) with ease of programming & security lockouts and on screen error reporting.
- Substrate Wetting and Chamber Rinse Assembly.
- Butterfly Valve Assembly for thorough Control of the Exhaust
- Built in Safety Interlocks.
- 200-240 Volt, 50-60 Hz, 30Amp



**DCSx607 System**

### **OPTIONS:**

- Up to four configurable process arms
- Various sizes of vacuum and edge-grip chucks for Wafers, Photomasks and other Substrates
- Sealed Bottom and Edge-Grip Chucks Adjustable
- Single or Double Sided Self Cleaning Brush Assembly having Two Dispenses
- Single or Double Sided Atomizing Mist, High Pressure, and Megasonic Dispenses
- N2 Drying Assist with 0.02 µm Filtration
- Oscillating or Fixed Low Pressure Dispenses
- Surfactant or Photoresist Dispense Canisters
- Chamber Rinse and/or Chamber Exhaust Assembly
- 0.2 µm Filtration for Low Pressure Dispenses
- D.I. Water Heater and Dispenses
- CE Certification
- Oscillating Megasonic DI Water Dispense Arm
- Compatibility with most Water-based Photoresist Strippers FM4910 Fire Retardant Cabinet & Process Area Materials

### **SYSTEM DIMENSIONS:**

DCSx607: 48" wide x 61" deep x 70" tall



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