



DESCRIPTION

The SC-23, equipped with a specially designed covered chuck system, is the optimal tool for uniformed coatings. Turbulence-related non-uniformities such as streaks, comets, striations, and splatters are eliminated. The consumption of Liquid Film Chemicals is greatly reduced, with a 70% reduction demonstrated in some applications. **Ideal for applications with square, rectangular or irregularly shaped substrates**, the SC-23 will uniformly coat into corners with no discernable edge bead. The covered chuck system eliminates the need for nested chucks and its associated backside contamination and particulates. The SC-23 is suited for Flat Panel Display, photomask, wafer, GaAs, leading edge MultiChip Module, advanced Printed Wire Board and PCB applications.

FEATURES:

- Compatible with Substrates of up to Twenty Three (23) inches on the diagonal/diameter or 16" x 16" square.
- DC Brushless Spindle/Chuck Drive Motor with speeds of 10 to 1000 RPM \pm 1 RPM and acceleration of >750 RPM/s with no load.
- Covered Chuck Coating System.
- Stainless Steel frame and skins
- Touchscreen Graphical User Interface (GUI) Controller with multiple programs retention.
- Dispense arm with up to 3 liquid film lines and 2 cleaning solvent lines.
- Programmable chuck and bowl cleaning cycle.

OPTIONS:

- Remote bulk chemical delivery system.
- Solvent Dispense Canister with level alert and controller.
- Cartridge Dispense System



FACILITIES REQUIREMENTS:

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| Power: | 208 VAC, 3 Phase, 35 AMP, 50/60 Hz (6' Cord Provided) |
| Nitrogen: | ¼ Compression fitting 80 PSI, 1.0 CFM Minimum |
| Bowl Exhaust: | 3" standoff, Minimum 150CFM |
| Cabinet Exhaust: | 3" standoff, Minimum 100CFM |
| Vacuum: | 1/4" Compression Fitting, Minimum 22" Hg |
| Drain: | 1/2" Compression Fitting |
| Dispense 1,2,&3: | ¼" Compression Fittings for external supply & Cartridge option has no external supply |
| Solvent 1,2,3 Supply: | ¼" Compression Fitting |