



## DESCRIPTION

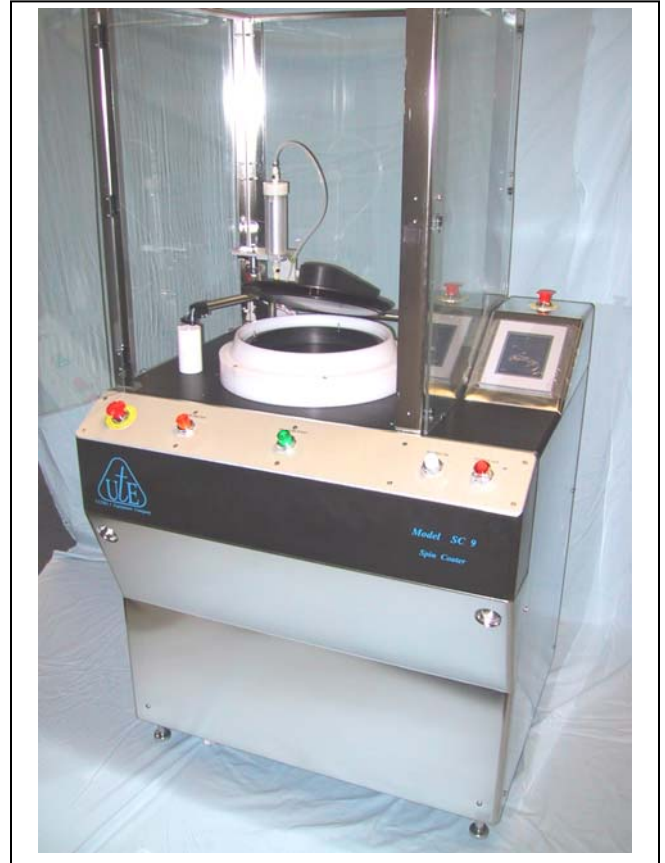
The SC-9, equipped with a specially designed covered chuck system, is the optimal tool for uniformed coatings. Turbulence-related non-uniformities such as streaks, comets, striations, and splatters are eliminated. The consumption of Liquid Film Chemicals is greatly reduced, with a 70% reduction demonstrated in some applications. **Ideal for applications with square, rectangular or irregularly shaped substrates**, the SC-9 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-9 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 nine (9) inches on the diagonal/diameter or 6" x 6" 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.
- Polyimide Temperature Control System.
- 0.2  $\mu$ m liquid film/solvent filtration.



## FACILITIES REQUIREMENTS:

- Power: 115 Vac, 15 AMP, 60 Hz
- Nitrogen: 80 PSI, 1.0 CFM Minimum
- Exhaust: 100 CFM
- Vacuum: 22-24 inches Mercury Minimum
- Drain: 3/8" Compression Fitting
- Dimensions: 36" Wide X 30" Deep X 72" High