

Spin Coating System

(SC - Basic)

Robust Construction: M.S. body with angle structure, designed for durability and stability.

High Speed Range: Adjustable speeds from 100 to 6,000 RPM for versatile applications.

Precision Accuracy: Speed accuracy within $\pm 1\%$ across the entire range ensures reliable results.

User-Friendly Interface: LCD console with programmable options for RPM, acceleration, deceleration, and dwell time.

Advanced Control Options: Touch screen HMI for intuitive operation.

Teflon Coated Bowl: Ensures easy cleaning and prevents contamination.

Compact Design: 200 mm (8 inch) diameter bowl size suitable for various substrates.

Corrosion-Resistant Sample Holder: Provides reliable support for samples during processing.

Efficient Control System: Operated via a variable frequency drive for smooth performance.

Effective Vacuum System: Rotary vacuum pump maintaining a vacuum level of 760 mm mercury.



| Component | Specification |
|------------------------|---|
| Shell Construction | M.S. Body & Angle structure, powder coated |
| Speed Range | Adjustable 100 – 6,000 RPM |
| Speed Accuracy | Less than $\pm 1\%$ error across full range |
| Display | LCD console (programmable) |
| Control Options | Keypad (Touch Screen HMI) |
| Working Chamber (Bowl) | Teflon coated bowl and cover |
| Bowl Size | 200 mm (8 inch) diameter |
| Substrate Holder | Circular holder, 25 mm diameter |
| Sample Holding Chuck | Corrosion-resistant metal |
| Control System | Variable frequency drive |
| Control Switches | Mains on, Drive on, Vacuum pump on |
| Motor | 0.5 HP, 3 phase |
| Drive | Belt drive |
| Vacuum Level | 760 mm mercury |
| Vacuum Pump | Rotary vacuum pump |