

Spin Coating System

(SC - Xtreme)

Superior Construction: Robust M.S. body and angle structure, finished with durable powder coating.

Extended Speed Range: Adjustable speeds from 100 to 10,000 RPM, accommodating diverse application needs.

Precision Performance: Speed accuracy within $\pm 1\%$ across the full range ensures consistent results.

Advanced User Interface: LCD console with programmable settings for RPM, acceleration, deceleration, and dwell time.

Intuitive Control Options: Touch screen HMI for easy navigation and operation.

Teflon Coated Working Chamber: Facilitates easy cleaning and prevents contamination during processes.

Versatile Bowl Size: 200 mm (8 inch) diameter bowl designed for various substrates.

Durable Sample Holder: Circular holder with a 25 mm diameter made from corrosion-resistant materials.

Efficient Drive System: Operated via a variable frequency drive for smooth and efficient performance.

Reliable Vacuum System: Rotary vacuum pump achieving a vacuum level of 760 mm mercury for optimal conditions.



Component	Specification
Shell Construction	M.S. Body & Angle structure, powder coated
Speed Range	Adjustable 100 – 10,000 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