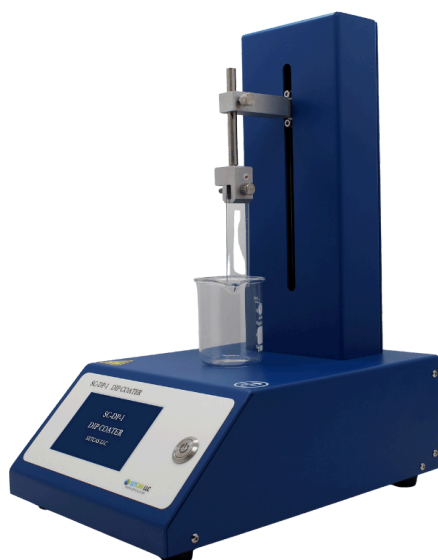


SC-DP-I

DIP COATER

The SC-DP-I is a highly precise dip coating system designed for ultra-fast and repeatable dipping and lifting operations. Featuring an intuitive true-color touchscreen and a robust indexed sample positioning system, it delivers superior control accuracy for automated laboratory thin-film processing.



AT A GLANCE

Speed Range	1 – 20,000 $\mu\text{m/s}$
Speed Resolution	1 $\mu\text{m/s}$
Sample Stroke	150 mm
Linear Thrust	20 N
Max Cycles	9,999 Cycles

Ultra-Precise Speed Control

Enables ultra-fast dipping and lifting with a massive adjustable speed range from 1 $\mu\text{m/s}$ up to 20,000 $\mu\text{m/s}$, supporting fine resolutions of 1 $\mu\text{m/s}$.

Reliable Stroke Control

Supports robust indexed sample positioning with a 150 mm stroke, delivering highly dependable linear thrust with a control accuracy of $\leq 0.5\%$.

Multi-Cycle Programmability

Fully adjustable immersion time, inter-coating intervals, and capable of executing up to 9,999 automated coating cycles continuously.

Touch Interface & Safety

Equipped with a 4.3-inch touchscreen for real-time monitoring, complemented by top and bottom limit switches to ensure safe high-speed movements.