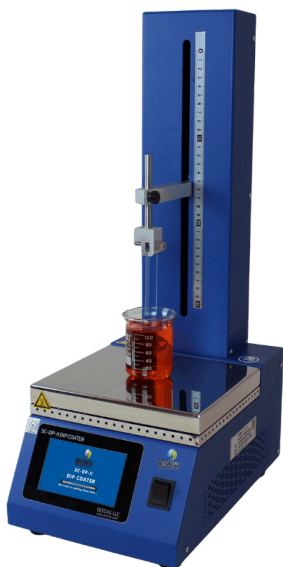


SC-DP-II

DIP COATER (HEATING)

The SC-DP-II is an advanced dip coating system equipped with a controllable heating unit capable of reaching 200 °C. Integrated with a 4.3-inch true-color touchscreen and ultra-precise motor controls, it ensures safe, repeatable, and highly uniform dipping and lifting operations for specialized thin-film processing.



AT A GLANCE

Speed Range	1 – 20,000 $\mu\text{m/s}$
Heating Temp	Up to 200 °C
Sample Stroke	150 mm
Linear Thrust	20 N
Max Cycles	9,999 Cycles

Controllable Uniform Heating

Features an integrated thermal system providing uniform heating from room temperature up to 200 °C for diverse coating materials.

Ultra-Precise Speed Control

Offers an adjustable speed range from 1 $\mu\text{m/s}$ to 20,000 $\mu\text{m/s}$ with an exceptional resolution of 1 $\mu\text{m/s}$ to ensure extremely stable film growth.

True-Color Touchscreen Interface

Equipped with a 4.3-inch touchscreen displaying real-time dipping/lifting position, cycle counts, and easy multi-cycle parameter customization.

Enhanced Operational Safety

Features built-in upper and lower limit switches to guarantee safe mechanical operation, especially during high-speed process strokes.

SETCAS ELECTRONICS CO., LIMITED

Address: FLAT 1215, 12/F, HARBOUR INDUSTRIAL CENTRE, 10 LEE HING STREET, AP LEI CHAU, HKSAR
WhatsApp: +1 (858) 733-4202 | Website: www.setcaslab.com | Sales: sales02@setcas.hk / Support: support@setcas.com

Technical Specifications

Process & Coating Capabilities	
Indexed Sample Stroke	150 mm
Speed Range	1 µm/s – 20,000 µm/s
Speed Resolution	1 µm/s
Temperature Range	Room temperature to 200 °C
Control & Programming	
User Interface	4.3-inch true-color touchscreen
Immersion Time	0 – 9,999 s
Coating Cycles	1 – 9,999 cycles
Inter-Coating Interval	0 – 9,999 s
Mechanical & Performance Data	
Rated Linear Thrust	20 N
Control Accuracy	≤ 0.5 %
Limit Protection	Equipped with upper and lower limit switches
Warranty Period	1 Year