

SC-CD-I

COATER DEVELOPER

The SC-CD-I is an efficient dual-channel coater developer engineered for precise fluid dispensing in both laboratory and industrial settings. Designed to handle diverse applications, it delivers exceptional operational accuracy, flexible pumping dynamics, and seamless automation integration capabilities.



AT A GLANCE

Channels	Dual Channel
Flow Rate	5 – 100 mL/min
Accuracy Error	< 0.2%
Speed Range	0.1 – 150 rpm
Comm. Interface	RS485

Efficient Dual-Channel Design

Supports simultaneous or independent operation, making it ideal for robust multi-tasking in demanding laboratory and industrial environments.

Versatile & Accurate Dispensing

Accommodates diverse fluid dispensing requirements with a versatile 5–100 mL/min flow rate range, maintaining an exceptional error margin of < 0.2%.

Broad Speed Range & Precision

Enables flexible control over pumping dynamics from 0.1 to 150 rpm, utilizing a high-precision resolution of 0.1 rpm for fine-tuned operational adjustments.

Digital Automation Integration

Comes equipped with an integrated RS485 digital communication interface, facilitating seamless external control and modern automation system integration.

Technical Specifications

Process & Fluid Delivery	
Number of Channels	Dual Channel
Flow Rate Range	5 - 100 mL/min
Flow Accuracy Error	< 0.2%
Motion & Control System	
Range of Rotation	0.1 - 150 rpm (turn/min)
Speed Resolution	0.1 rpm (turn/min)
External Control Interface	RS485 Digital Communication
Facilities & Mechanical Data	
Carton Dimensions (L × W × H)	150 mm × 250 mm × 220 mm
Weight	4.5 kg
Warranty	1 Year