

SC-AF-I

AUTO-FILM APPLICATOR

The SC-AF-I Automatic Coating Machine offers reliable precision for film preparation. Equipped with an A4 vacuum adsorption plate and adjustable high-precision moving speeds, it is an ideal solution for versatile R&D and small-batch production requiring consistent coating results.



AT A GLANCE

Moving Speed **1 – 500 mm/s**

Vacuum Plate **210 × 297 mm (A4)**

Wire Bar Width **240 mm**

Thickness Range **1 – 3500 µm**

System Weight **13.2 kg**

Reliable Motion Precision

Features an adjustable moving speed of 1–500 mm/s with a fine 1 mm resolution and ± 1 mm/s accuracy to ensure highly consistent film deposition.

Vacuum Adsorption Fixation

Equipped with a standard 210 mm × 297 mm (A4 size) vacuum adsorption plate to keep flexible substrates completely stable during operation.

Multi-Specification Applicators

Supports a wide array of tools including a 240 mm wire bar, interchangeable scrapers up to 150 mm width, and an 80 mm four-side applicator.

Ideal for R&D Scenarios

Engineered for versatility and ease of use, making it the perfect platform for sophisticated laboratory research and small-batch thin-film production.

SETCAS ELECTRONICS CO., LIMITED

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Technical Specifications

Motion & Platform Specifications	
Moving Speed Range	1 – 500 mm/s
Moving Speed Resolution	1 mm
Moving Speed Accuracy	± 1 mm/s
Vacuum Adsorption Plate	210 mm × 297 mm (A4 format)
Applicator Capabilities	
Width of Wire Bar	240 mm
Wet Film Thickness of Wire Bar	4 – 200 µm
Adjustable Wiper Width	55 mm / 100 mm / 150 mm
Thickness of Wiper Wet Film	1 – 3500 µm
Width of Four-Sided Preparer	80 mm
Thickness of Prepare Wet Film	5 – 1000 µm
Mechanical Data	
Overall Dimensions (L × W × H)	47 cm × 35.6 cm × 20.3 cm
System Weight	13.2 kg
Warranty Period	1 Year