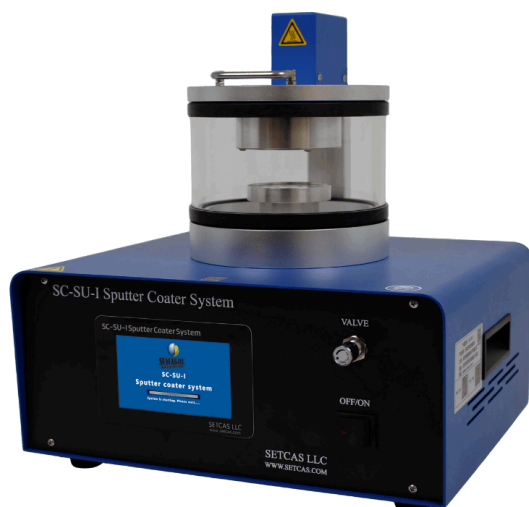


SC-SU-I

MAGNETRON SPUTTERING

The SC-SU-I is a versatile magnetron sputtering coater integrated with an advanced 4.3-inch LCD touchscreen. Compatible with multiple inert gases and various 50 mm metal targets, it offers simplified operation and default formula storage to ensure streamlined and efficient thin-film deposition.



AT A GLANCE

Chamber Size	150 × 120 mm
Sputtering Area	50 mm
Max Vac Rate	5 pa
Max Sputter Rate	8 nm/min
System Power	200 W

Full-Color Touch Interface

Equipped with a 4.3-inch LCD real-time display that continuously shows vital parameters including sputtering current, voltage, and system vacuum level.

Broad Target Compatibility

Easily handles a variety of metal targets (50 mm diameter × 1–2 mm thickness), offering simple replacement routines for rapid experimental turnover.

Smart Default Formula Storage

Features embedded recipe storage capabilities allowing users to save default parameter settings, dramatically accelerating subsequent coating operations.

Multiple Inert Gas Support

Compatible with crucial inert gases such as nitrogen and argon, complete with an adjustable gas flow rate control for precision atmosphere regulation.

SETCAS ELECTRONICS CO., LIMITED

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WhatsApp: +1 (858) 733-4202 | Website: www.setcaslab.com | Sales: sales02@setcas.hk / Support: support@setcas.com

Technical Specifications

Chamber & Sputtering Capabilities	
Size of Quartz Chamber	150 mm × 120 mm
Sample Size	70 mm
Sputtering Area	50 mm
Maximum Sputtering Rate	8 nm/min
Vacuum & Gas Environment	
Maximum Vacuum	5 pa
Compatible Gases	Inert gases such as hydrogen, nitrogen, etc.
Power & Mechanical Data	
Power	200 W
Dimensions (W × D × H)	360 mm × 310 mm × 150 mm
Relative Humidity	< 85%
Ambient Temperature	0 – 40 °C
Warranty	1 Year