AMETEK SI · PRINCETON APPLIED RESEARCH

VSC-SVET

Scanning electrochemistry

VSC-SVET – scanning electrochemistry from AMETEK Scientific Instruments.



Measurement technique	X travel	Y travel
SVET [1]	**100 mm (VersaSCAN VS-BASE positioning system)** [1]	**100 mm (VersaSCAN VS-BASE positioning system)** [1]

Specifications

DETECTOR

Measurement equipment/probe	Signal Recovery 7230 lock-in amplifier	[2]

MEASURING RANGE

Electrometer range	±10 V	[1]

ELECTRONICS & SIGNAL

Electrometer gain	1×–10,000× in decades	[1]

ENVIRONMENT & RATINGS

Vibration range	0–30 µm perpendicular to sample	[1]

GENERAL

Measurement technique	SVET	[1]
X travel	100 mm (VersaSCAN VS-BASE positioning system)	[1]
Y travel	100 mm (VersaSCAN VS-BASE positioning system)	[1]
Z travel	100 mm (VersaSCAN VS-BASE positioning system)	[1]
Positioning	Piezoelectric motors on all axes, no stepper motors (VersaSCAN VS-BASE)	[1]

Sources

[1] **VSC-SVET Scanning Vibrating Electrode Technique**
AMETEK Scientific Instruments · product-page · Page heading; Differentiated Specifications – 'VersaSCAN Positioning System' table; Differentiated Specifications – 'SVET Measurement Technology' · checked 2026-10-16
https://www.ameteksi.com/products/scanningelectrochemicalsystems/svet-scanning-vibrating-electrode-technique

[2] **VersaSCAN Electrochemical Scanning System (brochure, A4, 26-0511)**
AMETEK Scientific Instruments · brochure · p. 4, SVET Key Specifications · checked 2026-10-16
https://www.ameteksi.com/-/media/ameteksi/download_links/documentations/versascan-brochure/versascan-brochur...

Every value is taken from the manufacturer’s own document; the number after the value refers to the source list. Always check against the latest datasheet before ordering.

The data comes from the manufacturer’s published documents. Manufacturers may change specifications; the current configuration and performance are confirmed in the quotation.