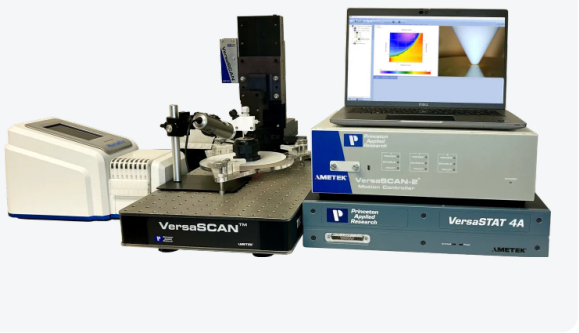
AMETEK SI · PRINCETON APPLIED RESEARCH

VSC-SDC

Scanning electrochemistry

VSC-SDC – scanning electrochemistry from AMETEK Scientific Instruments.



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

Specifications

DETECTOR

Measurement equipment/probe	Compatible potentiostat (VersaSTAT 3F/3A/4A or PARSTAT 4000A); compact peristaltic pump circulates the electrolyte	[2]

MECHANICAL

Head material	PTFE	[2]

ENVIRONMENT & RATINGS

Reference electrode	Ag/AgCl	[2]

GENERAL

Measurement technique	Scanning droplet cell	[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]
Counter electrode	Platinum wire	[2]

Sources

[1] **VSC-SDC Scanning Droplet Cell**
AMETEK Scientific Instruments · product-page · Page heading; Differentiated Specifications – 'VersaSCAN Positioning System' table · checked 2026-10-16
https://www.ameteksi.com/products/scanningelectrochemicalsystems/sdc-scanning-droplet-cell

[2] **VersaSCAN Electrochemical Scanning System (brochure, A4, 26-0511)**
AMETEK Scientific Instruments · brochure · p. 7, SDC Key Specifications / Introduction; p. 7, SDC 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.