AMETEK SI

PARSTAT 3000A

Single-channel potentiostat / galvanostat

Single-channel precision instrument for electrochemical measurements, including energy-device and impedance spectroscopy work.



Measurement channels	Compliance voltage
1 [1]	**±30 V** [2]

Specifications

MEASURING RANGE

Polarization voltage	±6 V and ±30 V	[1]
Minimum current range, standard	±4 nA	[2]
Current measurement ranges	10 ranges	[2]
EIS frequency range	10 µHz–7 MHz, included	[2]

ELECTRONICS & SIGNAL

Measurement channels	1	[1]
Maximum output current	±1 A	[2]

SOFTWARE & DATA

Software	VersaStudio included	[1]

CONNECTIVITY & INTERFACE

Cell connections	6-wire capability	[2]
Communication interface	USB	[2]

ENVIRONMENT & RATINGS

Compliance voltage	±30 V	[2]

GENERAL

Maximum data acquisition rate	1 MS/s	[2]
Floating measurement / isolation	Selectable: grounded or floating	[2]

Sources

[1] **PARSTAT 3000A Potentiostat Galvanostat**
AMETEK Scientific Instruments · product-page · product page · checked 2026-10-16
https://www.ameteksi.com/products/potentiostats/single-channel/parstat-series/parstat3000a

[2] **PARSTAT Single Channel Family – Reference Grade Electrochemical Workstations**
AMETEK Scientific Instruments · brochure · p. 3; p. 2 · checked 2026-10-16
https://www.ameteksi.com/-/media/ameteksi/download_links/documentations/parstat4000a/parstat-single-channel-...

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.