

Series 2400 SourceMeter® SMU Instruments

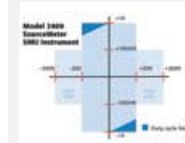


30-SECOND SELL

“Series 2400 source measure unit instruments combine precision voltage and current source and measure for characterizing semiconductor and other electronic materials and devices at up to 5A and 1100V. A DMM-like interface and standard LabTracer 2 I-V curve software and LabVIEW drivers make them ideal for the R&D bench and medium speed/channel count automated systems.”

PRODUCT HIGHLIGHTS

- Wide I-V range from 1100V to 100nV and 10.5A pulse to 1pA
- 4-quadrant design simultaneously measures voltage, current, and resistance
- Remote sense on V-source and measure plus guarded ohms mode
- Built-in test sequencer
- IVI and LabVIEW drivers available (tek.com)
- Standard GPIB and RS-232 interfaces; Banana (front/rear) Connectors



Model 2400 four-quadrant operation characteristics, a feature of all SourceMeter SMU instruments.

MODEL	STOCK CODE	CURRENT MAX / MIN	VOLTAGE MAX / MIN	POWER
2400 / 2401	2074736 / 2074737	1.05A / 10pA	200V/1μV (20V 2401)	20W
2410	2074738	1.05A / 10pA	1100V/1μV	20W
2440	2074740	5.25A / 100pA	40V/1μV	50W
2420 / 2425	2074739 / 2131302	3.15A / 100pA	Up to 100V/1μV	60W/100W

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RECOMMENDED ACCESSORIES

5804	Kelvin (4-Wire) Universal 10-Piece Test Lead Kit	2131245
5805	Kelvin (4-Wire) Spring-Loaded Probes	2131246
5809	Low Cost Kelvin Clip Lead Set	2131248
8607	2-Wire, 1000V Banana Cables, 1m (3.3 ft)	NIC
CA-18-1	Shielded Dual Banana Cable, 1.2m (4 ft)	2131251
7007-1	Shielded GPIB Cable, 1m (3.3 ft)	2131242
7007-2	Shielded GPIB Cable, 2m (6.6 ft)	2131243
KPCI-488LPA	IEEE-488 Interface/Controller for the PCI Bus	2077470
KUSB-488B	IEEE-488 USB-to-GPIB Interface Adapter	2077471
8501-1	Trigger Link Cable, DIN-to-DIN, 1m (3.3 ft)	2131252
8501-2	Trigger Link Cable, DIN-to-DIN, 2m (6.6 ft)	2131253

RECOMMENDED SERVICE

C/2400-3Y-17025	(ISO-17025 accredited) calibrations within 3 years of purchase for Models 2400*
C/2401-3Y-17025	(ISO-17025 accredited) calibrations within 3 years of purchase for Model 2401*
C/2410-3Y-17025	(ISO-17025 accredited) calibrations within 3 years of purchase for Models 2410*
C/2420-3Y-17025	(ISO-17025 accredited) calibrations within 3 years of purchase for Models 2420*
C/2425-3Y-17025	(ISO-17025 accredited) calibrations within 3 years of purchase for Models 2425*
C/2430-3Y-17025	(ISO-17025 accredited) calibrations within 3 years of purchase for Models 2430*
C/2440-3Y-17025	(ISO-17025 accredited) calibrations within 3 years of purchase for Models 2440*

*Not available in all countries.

SHIPS WITH PRODUCT

- Model 8605 Test Leads
- LabVIEW Software Driver (downloadable at www.tek.com)
- LabTracer Software (downloadable at www.tek.com)
- Calibration Certificate (Basic)
- Manual CD
- Power Cord
- Warranty


ANOTHER PRODUCT FOR CONSIDERATION



Series 2600B single- and dual-channel SMU Instruments with high speed TSP programming and interface technologies for ultimate throughput in lab or manufacturing systems.

See page 78

TOOLS FOR THE CUSTOMER

 Data Sheet

FOR MORE INFO VISIT
TEK.COM/KEITHLEY-SOURCE-MEASURE-UNITS/SMU-2400-SERIES-SOURCEMETER

3 Reasons to Buy this Product

- 1 Series 2400 Source Measure Unit instruments offer greater performance, with time-tested analog accuracy, sensitivity and measurement results across industry's widest range of precision I-V and resistance applications.
- 2 Series 2400 Source Measure Unit instruments offer the speed and simplicity of a DMM-like user interface plus the power of a 4-quadrant SMU to reduce the time to productivity and trusted results.
- 3 Series 2400 family offers 7 unique models covering the industry's widest range of voltage, current and power levels for a best fit for your unique I-V characterization applications and devices.