


Aumictech

Test & measurement • bought, sold, repaired, calibrated

Data Sheet

August 13, 2026

KEITHLEY

Keithley 2110-240 5½ Digit Dual-Display USB Multimeter

Aumictech offers NIST-traceable calibration and repair for the Keithley 2110-240. Calibration covers DC voltage accuracy at all ranges, AC voltage (True RMS) accuracy at 50 Hz, 1 kHz, and 10 kHz, DC current accuracy, resistance accuracy at all decade ranges, frequency accuracy, and diode test voltage. Fluke 87V and 289 also include capacitance and temperature calibration.. All calibrations ship with a NIST-traceable certificate. Turnaround is typically 1–3 business days after receipt. Common Keithley 2110-240 faults: blown input fuse, worn input jacks, display segment failure, relay contact wear on bench DMMs. Common faults include worn input jacks (banana socket contact wear on the mA and COM terminals), blown input fuses (especially the 440 mA HRC fuse), and display segment failures. Keithley 2000/2001/2002 bench DMMs commonly develop relay contact wear affecting resistance accuracy a



MODEL

Keithley 2110-240

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

2110-240

LISTING

<https://aumictechlabs.com/products/2110-240-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Keithley 2110-240 is a 5½-digit dual-display digital multimeter (DMM) engineered for precision and versatility. It has a suite of measurement functions, including DC/AC voltage and

current, resistance, frequency, diode test, and continuity. The USB interface facilitates easy data logging and instrument control via a computer. The dual-display feature enables simultaneous viewing of two different measurements, streamlining analysis. With its high accuracy and stability, the 2110-240 is well-suited for demanding applications in research, development, and manufacturing environments.

Features & description

From manufacturer datasheet

Features

- Dual-line display of two functions at once

2110240 Characteristics / Specifications

PARAMETER	VALUE
Model	2110-240
Manufacturer	Keithley / Tektronix
Instrument Type	5.5 digit dual display digital multimeter
Alias	2110-240; 2110-240-GPIB
Resolution	5.5 digits
Line voltage SKU	240 VAC
One year basic DCV accuracy	0.012%
One year basic resistance accuracy	0.020% through 100 kohm
DC voltage ranges	0.1 V, 1 V, 10 V, 100 V, 1000 V
AC voltage ranges	0.1 V, 1 V, 10 V, 100 V, 750 V
DC current ranges	10 mA, 100 mA, 1 A, 3 A, 10 A
AC current ranges	1 A, 3 A, 10 A
Resistance ranges	100 ohm, 1 kohm, 10 kohm, 100 kohm, 1 Mohm, 10 Mohm, 100 Mohm two and four wire
Frequency range	10 Hz to 300 kHz
Capacitance ranges	1 nF, 10 nF, 100 nF, 1 uF, 10 uF, 100 uF
Thermocouple types	J, R, S, T, E, N, B, C, K
Temperature extra	RTD and NTC thermistor
Diode test	supported
Continuity	supported
Math functions	percentage, average, min/max, NULL, limits, mX+b, dB, dBm
Reading rate class	up to 500 readings/s via USB (family literature)
Reading buffer	2000 readings class
Interfaces USB	USB standard
Interfaces GPIB	on 2110-240-GPIB only
Related SKUs	2110-100 (100 V); 2110-220 (220 V)

PARAMETER	VALUE
Display	dual line
Form	bench 5.5 digit DMM
Measurement functions count	15
Not 20	5.5 digit / 0.012% DCV versus 6.5 digit / 0.002% class 2000
Not 2110 2	confirm 240 V line fuse and rear marking Notes Specs from Keithley Model 2110 5.5-digit dual-display DMM data sheet. Confirm 2110-240 versus 2110-240-GPIB and versus 100/220 V line SKUs before applying mains.
Seven math operations	percent, average, min/max, NULL, limits, mX+b, dB/dBm
Distinct line-voltage SKUs	100, 220, 240 VAC

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
Specifications	
PARAMETER	VALUE
Model	2110-240
Manufacturer	Keithley / Tektronix
Instrument Type	5.5 digit dual display digital multimeter
Specifications	
PARAMETER	VALUE
Alias	2110-240; 2110-240-GPIB
Resolution	5.5 digits
Line voltage SKU	240 VAC
Specifications	
PARAMETER	VALUE
One year basic DCV accuracy	0.012%
One year basic resistance accuracy	0.020% through 100 kohm
DC voltage ranges	0.1 V, 1 V, 10 V, 100 V, 1000 V
Specifications	
PARAMETER	VALUE
AC voltage ranges	0.1 V, 1 V, 10 V, 100 V, 750 V
DC current ranges	10 mA, 100 mA, 1 A, 3 A, 10 A
AC current ranges	1 A, 3 A, 10 A
Specifications	
PARAMETER	VALUE
Resistance ranges	100 ohm, 1 kohm, 10 kohm, 100 kohm, 1 Mohm, 10 Mohm, 100 Mohm two and four wire
Frequency range	10 Hz to 300 kHz
Capacitance ranges	1 nF, 10 nF, 100 nF, 1 uF, 10 uF, 100 uF

Specifications

PARAMETER	VALUE
Thermocouple types	J, R, S, T, E, N, B, C, K
Temperature extra	RTD and NTC thermistor
Diode test	supported

Specifications

PARAMETER	VALUE
Continuity	supported
Math functions	percentage, average, min/max, NULL, limits, mX+b, dB, dBm
Reading rate class	up to 500 readings/s via USB (family literature)

Specifications

PARAMETER	VALUE
Reading buffer	2000 readings class
Interfaces USB	USB standard
Interfaces GPIB	on 2110-240-GPIB only

Specifications

PARAMETER	VALUE
Related SKUs	2110-100 (100 V); 2110-220 (220 V)
Display	dual line
Form	bench 5.5 digit DMM

Specifications

PARAMETER	VALUE
Measurement functions count	15
Not 2000	5.5 digit / 0.012% DCV versus 6.5 digit / 0.002% class 2000
Not 2110 220	confirm 240 V line fuse and rear marking

Notes

Specs from Keithley Model 2110 5.5-digit dual-display DMM data sheet. Confirm 2110-240 versus 2110-240-GPIB and versus 100/220 V line SKUs before applying mains.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

NIST-traceable calibration · SAM registered ·
30-day returns
NAICS 423690 · 811210 · 541380
Generated August 13, 2026

Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.