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Data Sheet

August 13, 2026

KEITHLEY

Keithley 2110-120 5½ Digit Dual-Display USB Multimeter

KI-Tool class PC utilities of the 2110 family Manufacturer: Keithley Instruments (Tektronix)
Instrument Type: 5.5 digit USB digital multimeter Alias: 2110-120; 2110120; Keithley 2110 120
Vac Manufacturer: Keithley Instruments (Tektronix) Instrument Type: 5.5 digit USB digital
multimeter Alias: 2110-120; 2110120; Keithley 2110 120 Vac DCI Maximum: 10 A class (confirm
10 A jack on faceplate)



MODEL

Keithley 2110-120

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

2110-120

LISTING

[https://aumictechlabs.c
om/products/2110-120-
2/](https://aumictechlabs.com/products/2110-120-2/)

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keithley 2110-120 is a 5½-digit dual-display digital multimeter engineered for benchtop and portable bench applications. It combines 15 measurement functions with high-speed acquisition and exceptional accuracy, delivering up to 200 readings per second at full resolution via USB. The dual-line display enables simultaneous viewing of two independent measurements, streamlining data collection and analysis workflows in engineering, R&D, and production environments.

Technical Specifications Measurement Functions 15 measurement functions including DC/AC voltage, DC/AC current, resistance, capacitance, frequency, thermocouple, continuity, and diode measurement Math Operations 7 math functions: percentage, average, min/max, NULL, limits,

mX+b, dB, and dBm Accuracy DC voltage: 0.012% one-year basic accuracy Resistance: 0.020% one-year basic accuracy up to 100 k Ω Measurement Speed 200 readings per second at 5½ digit resolution (USB) 50,000 readings per second at 4½ digit resolution 30,000 readings per second into buffer at 4½ digit setting Electrical Ranges DC voltage: 0.1 V to 1000 V (1 kV max) AC voltage: 0.1 V to 750 V (750 V max) DC current: 10 mA to 10 A (10 A max) AC current: 1 A to 10 A (10 A max) Resistance: 100 Ω to 100 M Ω (0.1 G Ω max) Frequency: 10 Hz to 300 kHz Input Protection 1000 V all ranges (2 W input) Key Features Dual-line display for simultaneous dual measurements Rugged construction for durability in bench and portable use USB 2.0 (TMC-compliant) with SCPI command support Optional GPIB interface for system integration Compatibility & Integration Includes LabVIEW and IVI drivers for automated test environments. Bundled software KI-Tool and KI-Link - supports instrument control, data recording, and time-series plotting with Microsoft Word and Excel integration. USB cable, power cord, safety test leads, calibration certificate, and commissioning software included.

2110120 Characteristics / Specifications

PARAMETER	VALUE
Model	2110-120
Manufacturer	Keithley Instruments (Tektronix)
Instrument Type	5.5 digit USB digital multimeter
Alias	2110-120; 2110120; Keithley 2110 120 Vac
Line Voltage	120 Vac
Resolution	5.5 digits
Basic DCV Accuracy	0.012 percent
DCV Range	1 uV to 1000 V
ACV Maximum	750 V class
DCI Maximum	10 A class (confirm 10 A jack on faceplate)
Resistance Function	2-wire and 4-wire ohms
Frequency Function	yes
Period Function	yes
Temperature Function	thermocouple / RTD class
Continuity Diode	yes
Reading Memory	2000 readings
Maximum Speed	2000 readings/s
Remote Interface	USB TMC
Display	dual line
Math Functions	family math (dB, dBm, limits class)
Front Rear Inputs	selectable class
Related Line SKU	2110-240 (240 Vac)
Related Higher Digit	2100 6.5 digit USB
Form	bench half rack class
Operating Temperature	0 to 50 C class

PARAMETER	VALUE
Power Line Frequency	50/60 Hz
Accessories	USB cable, test leads, power cord class Notes
Specs from Keithley DMM comparison table and 2110 series catalog (21	5.5 digits, 0.012 percent DCV, USB, 2000 rdg/s). This SKU is 120 Vac. Confirm 10 A current jack and 2110-240 versus 2110-120 line marking.

2110120 Specifications

PARAMETER	VALUE
Applications	Bench 5.5-digit DMM on 120 Vac mains
Key Features	5.5-digit dual-line display
USB TMC (GPIB not standard on 2110)	Line SKU 2110-120 versus 2110-240
Technical Specifications	Model: 2110-120

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	0 to 50 C class
Operating Temperature	0 to 50 C class
Power Line Frequency	50/60 Hz
Accessories	USB cable, test leads, power cord class Notes
Specs from Keithley DMM comparison table and 2110 series catalog (21	5.5 digits, 0.012 percent DCV, USB, 2000 rdg/s). This SKU is 120 Vac. Confirm 10 A current jack and 2110-240 versus 2110-120 line marking.

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
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Instrument Type	5.5 digit USB digital multimeter
Specifications	
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Alias	2110-120; 2110120; Keithley 2110 120 Vac
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Specifications	
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Resistance Function	2-wire and 4-wire ohms
Frequency Function	yes
Specifications	
PARAMETER	VALUE
Period Function	yes
Temperature Function	thermocouple / RTD class
Continuity Diode	yes

Specifications

PARAMETER	VALUE
Reading Memory	2000 readings
Maximum Speed	2000 readings/s
Remote Interface	USB TMC

Specifications

PARAMETER	VALUE
Display	dual line
Math Functions	family math (dB, dBm, limits class)
Front Rear Inputs	selectable class

Specifications

PARAMETER	VALUE
Related Line SKU	2110-240 (240 Vac)
Related Higher Digit	2100 6.5 digit USB
Form	bench half rack class

Specifications

PARAMETER	VALUE
Operating Temperature	0 to 50 C class
Power Line Frequency	50/60 Hz
Accessories	USB cable, test leads, power cord class

Notes

Specs from Keithley DMM comparison table and 2110 series catalog (2110: 5.5 digits, 0.012 percent DCV, USB, 2000 rdg/s). This SKU is 120 Vac. Confirm 10 A current jack and 2110-240 versus 2110-120 line marking.

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>

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