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Data Sheet

August 14, 2026

AGILENT / KEYSIGHT

Agilent/Keysight U1212A Clamp Meter 1000A

Agilent Keysight U1212A Handheld Clamp Meter The Agilent/Keysight U1212A isaU1210 Series handheld clamp meter for cables up to two inches. OEM data sheet 5990-5083EN lists true RMS, CAT III 1000 V / CAT IV 600 V, and model-specific AC/DC current and DMM ranges to 1000 A class. High-current electrical distribution measurements on large cables plus installation and maintenance DMM troubleshooting. 52 mm jaw opening for thick distribution cables The Agilent/Keysight U1212A isaU1210 Series handheld clamp meter for cables up to two inches. OEM data sheet 5990-5083EN lists true RMS, CAT III 1000 V / CAT IV 600 V, and model-specific AC/DC current and DMM ranges to 1000 A class. High-current electrical distribution measurements on large cables plus installation and maintenance DMM troubleshooting. 52 mm jaw opening for thick distribution cables Closed case calibration class (balance adjustment open-case on some siblings)



MODEL

**Agilent / Keysight
U1212A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

U1212A

LISTING

<https://aumictechlabs.com/products/u1212a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keysight U1212A is a handheld clamp meter designed for high-current measurements and versatile DMM functionalities. It is suitable for field service, maintenance, and general electrical troubleshooting where accurate current readings are critical. The unit is noted for its solid design and user-friendly interface, facilitating efficient operation in various industrial and laboratory environments. The Keysight U1212A is a discontinued product but remains supported by Keysight

Technologies. Technical Specifications Measurement Capabilities: AC Current: 40 A to 1000 A DC Current: 40 A to 1000 A AC Voltage: 0.1 V to 1000 V, 400 V to 1000 V DC Voltage: 0.1 V to 1000 V, 400 V to 1000 V Resistance: Up to 4 k Ω , up to 40 M Ω Capacitance: Up to 400 μ F (0.1 μ F resolution), up to 4000 μ F Frequency: Up to 200 kHz Temperature: K-Type thermocouple (Specific range not detailed in provided snippets) Diode Test: Yes Continuity Test: Audible continuity with a buzzer that sounds below 10.0 Ω Accuracy: DC Voltage Accuracy: $\pm 0.5\%$ rdg + 3 Digits Capacitance Accuracy: 2% + 4 for 400 μ F range, 3% + 4 for 4000 μ F range AC/DC Current Measurement Accuracy: Specified as $\pm 0.5\%$ of reading + 2 LSD for DC voltage. Specific AC/DC current accuracy figures are not detailed in the provided snippets. Performance: True RMS: Yes Peak Hold: Yes, including in-rush current measurement Data Hold: Yes Min/Max Recording: Yes Ranging: Manual and Auto-ranging Display: Large backlit dual display, remarkable LCD display with a maximum reading of 4000 counts. Display digits: 3 $\frac{1}{2}$ digit, 4 digits. Electrical Specifications: Safety Category: CAT III 1000 V, CAT IV 600 V Overload Protection: CAT III 1000 V / CAT IV 600 V CMRR (Common Mode Rejection Ratio): * U1211A and U1212A: > 60 dB at DC to 60 Hz (ACV function); > 80 dB at DC, 50 Hz, 60 Hz (DCV function) ACV/ACA Specifications: AC coupled, true RMS, valid from 5% of range to 100% of range. Crest factor up to 3.0 at full-scale (except 1000 V and 1000 A ranges where it is 1.5 at full scale). For non-sinusoidal waveforms, add (2% reading + 2% full scale) typical for crest factors up to 3. Interfaces: Wireless Remote Connectivity: Capable via optional U1177A Bluetooth Adapter Physical: Clamp Jaw Opening: 52 mm (2 inches), 51 mm Dimensions: Width: 106 mm, Height: 43 mm, Length: 260 mm Weight: 525 g Power Source: Battery powered Battery Life: Approximately 60 hours Operating Temperature: Minimum -10°C, Maximum 50°C Included Accessories: Test Lead Set 19-mm probes 4-mm probes Soft Carrying Case Quick Start Guide Certificate of Calibration Batteries Why Choose Aumictech for Keysight U1212A? At Aumictech, we specialize in supplying high-end electrical testing and measurement equipment. Whether you need reliable performance for complex current analysis, comprehensive troubleshooting capabilities, or solid equipment for demanding field applications, our team ensures the Keysight U1212A delivers maximum performance and accuracy for your critical applications.

U1212A Characteristics / Specifications

PARAMETER	VALUE
Instrument Type	Handheld true RMS clamp meter with DMM functions
Series Family	Keysight U1210 Series
Display Counts	4 digits with maximum reading 4100 counts
Analog Bar Graph	12 segments with full annunciator
True Rms Mode	AC true RMS
DC Voltage Range	0.1 V to 1000 V
DC Voltage Accuracy	0.5 percent plus 3 counts
AC Voltage Range	0.1 V to 1000 V
AC Voltage Accuracy 45 to 400 Hz	1 percent plus 5 counts
DC Current Range	0.01 A to 1000 A (1.5 percent plus 3 to 15 counts by range)
AC Current Range	0.1 A to 1000 A
AC Current Accuracy 45 to 65 Hz	2.0 percent plus 5 to 10 counts by range
Resistance Range	400 ohm to 4 kOhm
Resistance Accuracy	0.5 percent plus 3 counts
Capacitance Range	0.1 uF to 4000 uF
Capacitance Accuracy	2 percent plus 4 on 400 uF; 3 percent plus 4 on 4000 uF
Temperature Range	K type minus 200 to 1372 C
Frequency Range	99.99 Hz to 999.9 kHz AC coupling
Frequency Accuracy	0.2 percent plus 3 counts; minimum 10 Hz
Peak Hold Duration	1 ms peak hold for inrush voltage and current
Diode Test Current	approximately 0.8 mA; open voltage less than plus 3.1 V
Continuity Threshold	buzzer below approximately 10.0 ohm
Jaw Opening	approximately 2 inches (52 mm)
Safety Category	CAT III 1000 V / CAT IV 600 V
Crest Factor	up to 3.0 at full scale except 1.5 on 1000 V and 1000 A

PARAMETER	VALUE
Input Impedance Voltage	10 MOhm nominal; AC in parallel with less than 100 pF
NMRR	greater than 60 dB at 50 Hz and 60 Hz
CMRR ACV	greater than 60 dB at DC to 60 Hz in ACV
CMRR DCV	greater than 80 dB at DC, 50 Hz and 60 Hz in DCV
Temperature Coefficient	0.12 x specified accuracy perCfrom 0 to 18 C or 28 to 50 C
Battery Type	standard 9 V alkaline; low battery below 6.0 V
Battery Life Typical	60 hours
Power Consumption Maximum	220 mVA maximum
Operating Temperature	minus 10 to 50 C, 0 to 80 percent RH
Storage Temperature	minus 20 to 60 C, 0 to 80 percent RH
Dimensions WxLxH	106 mm x 260 mm x 43 mm
Weight With Batteries	525 g
Connectivity Optional	wireless Bluetooth via optional U1177A IR to Bluetooth adapter
Current Frequency Product Limit	maximum verification less than 400000 A $\times$ Hz
Duty Cycle 0 to 600 A	continuous
Duty Cycle 600 to 700 A	10 minutes ON, 10 minutes OFF
Duty Cycle 700 to 1000 A	5 minutes ON, 20 minutes OFF
Overload Protection Voltage	1000 Vrms
Maximum Overload Current	1000 Arms
Polarity Indication	automatic
Auto Manual Range	Yes
Peak Hold Min Max	Yes

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	minus 20 to 60 C, 0 to 80 percent RH
Operating temperature	minus 10 to 50 C, 0 to 80 percent RH
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Duty Cycle 700 to 1000 A	5 minutes ON, 20 minutes OFF
Overload Protection Voltage	1000 V _{rms}
Maximum Overload Current	1000 A _{rms}
Polarity Indication	automatic
Auto Manual Range	Yes
Peak Hold Min Max	Yes Notes Numeric rows from Keysight U1210 Series Handheld Clamp Meters data sheet 5990-5083EN model column U1212A.

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	
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Overload Protection Voltage	1000 Vrms
Maximum Overload Current	1000 Arms
Polarity Indication	automatic
Auto Manual Range	Yes
Peak Hold Min Max	Yes

Notes
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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

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Generated August 14, 2026

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