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Data Sheet

August 14, 2026

AGILENT / KEYSIGHT

Agilent/Keysight U1211A Clamp Meter 1000A

Agilent Keysight U1211A Handheld Clamp Meter The Agilent/Keysight U1211A 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 U1211A 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
U1211A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

U1211A

LISTING

[https://aumictechlabs.c
om/products/u1211a-2/](https://aumictechlabs.com/products/u1211a-2/)

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Keysight U1211A is a handheld clamp meter designed for a variety of electrical measurements, with a focus on high-current applications. It has a 3.5-digit resolution and includes features such as True RMS AC measurements, a built-in LED flashlight, and a large clamp jaw opening suitable for thick cables. This instrument is intended for troubleshooting and general-purpose electrical testing in industrial and field environments. the U1211A model has been

discontinued and marked as obsolete. Technical Specifications * Display: 3.5-digit resolution. Current Measurement (AC): * Range: 0.1 A to 1000 A. * True RMS: Yes. * High measurement capability up to 1000 A. Current Measurement (DC): Not specified for the U1211A model. (Note: U1212A and U1213A models include DC current measurement capabilities.) Voltage Measurement (AC): * Range: 0.1 V to 1000 V. * True RMS: Yes. Voltage Measurement (DC): * Range: 0.1 V to 1000 V. Resistance Measurement: Up to 40 M Ω (for U1213A only). (Note: The U1211A includes resistance measurement, but specific range details are not consistently provided across all sources). Capacitance Measurement: * Range: Up to 4000 μ F. * Resolution: 0.1 μ F (for 400 μ F range), 1 μ F (for 4000 μ F range). * Accuracy: 2% + 4 (for 400 μ F range), 3% + 4 (for 4000 μ F range). * Overload Protection: 1000 V RMS for circuits < 0.3 A of short circuit current. Frequency Measurement: Up to 200 kHz. Diode Test: Included. Audible Continuity Test: Included. Peak Hold: Yes, with 1 ms duration for capturing in-rush current and voltage. In-rush Current Measurement: Supported via Peak-hold function. Temperature Measurement: Not specified for the U1211A model. (Note: U1212A and U1213A models include temperature measurement functions, typically with a K-type thermocouple). Ranging: Manual and Auto-ranging supported. Common Mode Rejection Ratio (CMRR): * ACV: > 60 dB at DC to 60 Hz. * DCV: > 80 dB at DC, 50 Hz, and 60 Hz. Electrical Safety * Overvoltage Protection: CAT III 1000 V and CAT IV 600 V. Interfaces and Connectivity * Bluetooth: Capable with the optional U1177A Infrared-to-Bluetooth adapter, allowing remote monitoring and data logging on Android devices. Data Hold: Supported, with manual trigger and null mode. Min/Max Recording: Supported. Null Mode: Supported. Backlight: Orange LED backlight. Physical Characteristics * Clamp Jaw Opening: 52 mm (2 inches). Dimensions: Small body design. User Interface: Handheld form factor with a rotary switch, function buttons, and a large backlit dual display. LED Flashlight: Built-in. [cite:0 (short description)] Compatibility * Series Compatibility: The U1211A is part of the Keysight (formerly Agilent) U1210 Series of handheld clamp meters. Accessory Compatibility: Compatible with U1177A Infrared-to-Bluetooth adapter. Included Accessories * Standard test leads with 4 mm probes. Soft carrying case. Certificate of Calibration (CoC). Quick Start Guide. Batteries (non-rechargeable 9V). Why Choose Aumictech for the Keysight U1211A? At Aumictech, we specialize in supplying high-end electrical testing equipment. Whether you need precise AC current measurements up to 1000A, versatile DMM functions in a single handheld unit, or solid safety ratings for demanding field applications, our team ensures the Keysight U1211A delivers maximum performance for your application.

U1211A 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	Not available (ACA only)
AC Current Range	0.1 A to 1000 A
AC Current Accuracy 45 to 65 Hz	1.0 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	Not available
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	186 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 273 mm x 43 mm
Weight With Batteries	625 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
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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 U1211A.

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

Numeric rows from Keysight U1210 Series Handheld Clamp Meters data sheet 5990-5083EN model column U1211A.

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