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Data Sheet

August 14, 2026

AGILENT / KEYSIGHT

Agilent/Keysight U1213A Clamp Meter 1000A

Closed-case calibration except open-case balance adjustment Dc Voltage Accuracy: 0.2 percent (U1210 series fact-sheet DCV column for U1213A) Temperature Range: K-type, minus 200 C to 1372 C Frequency Measurement: up to 200 kHz (user's guide feature list) Dc Voltage Accuracy: 0.2 percent (U1210 series fact-sheet DCV column for U1213A) Temperature Range: K-type, minus 200 C to 1372 C Frequency Measurement: up to 200 kHz (user's guide feature list) Safety Rating: CAT III 1000 V, CAT IV 600 V



MODEL

**Agilent / Keysight
U1213A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

U1213A

LISTING

<https://aumictechlabs.com/products/u1213a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Agilent/Keysight U1213A is a versatile handheld clamp meter offering advanced measurement capabilities for a wide range of electrical testing and troubleshooting applications. This instrument combines the functionality of a digital multimeter with a clamp meter, enabling high-current measurements without the need to break the circuit. Its True RMS capability ensures accurate readings for both AC and DC circuits, even with non-sinusoidal waveforms. The U1213A works with demanding environments, featuring solid safety ratings and a durable build. Electrical Specifications * Current Measurement: * AC Current: Up to 1000 A * DC Current: Up to 1000 A * AC+DC Current: Up to 1000 A * True RMS for AC voltage and AC current measurements. * Crest factor up to 3.0 at full-scale (except for 1000 V and 1000 A ranges where it is 1.5 at full scale). * For non-sinusoidal waveforms, accuracy is typically $\pm (2 \% \text{ of reading} + 2 \% \text{ of full scale})$ for

crest factors up to 3. Voltage Measurement: * AC Voltage: Up to 1000 V * DC Voltage: Up to 1000 V * AC+DC Voltage: Available. Resistance Measurement: * Up to 40 MΩ. Capacitance Measurement: * Up to 4000 μF. Frequency Measurement: * Up to 200 kHz. Temperature Measurement: * K-type thermocouple compatibility. Diode Test: * Test current: Approximately 0.8 mA. * Open voltage: < +3.1 V. Audible Continuity Test: * Buzzer sounds when resistance is below approximately 10 Ω. * Buzzer sounds when reading is below approximately 50 mV. Peak Hold: * 1 ms peak hold for capturing in-rush voltage and current. Dynamic Recording: * Min, max, and average readings. Common Mode Rejection Ratio (CMRR): * ACV: > 60 dB at DC to 60 Hz. * DCV: > 120 dB at DC, 50 Hz and 60 Hz. Input Impedance: * 10 MΩ (nominal) for voltage measurements. Electrical Specifications Input Limits * AC Current: 1000 Arms DC Current: 1000 Arms AC Voltage: CAT III 1000 Vrms, CAT IV 600 Vrms DC Voltage: CAT III 1000 Vrms, CAT IV 600 Vrms Resistance: 1000 Vrms for short circuit < 0.3 A Capacitance: 1000 Vrms for short circuit < 0.3 A Diode: 1000 Vrms for short circuit < 0.3 A Temperature: 1000 Vrms for short circuit < 0.3 A Safety Ratings * CAT III 1000 V CAT IV 600 V Features * True RMS Measurement: For accurate AC voltage and AC current readings. Large Jaw Opening: 52 mm (2 inches) for accommodating thick cables. Dual Display: Large backlit dual display for easy reading. Data Hold: Manual trigger and null mode available. Peak Hold: 1 ms peak hold for capturing transient events. Dynamic Recording: Records minimum, maximum, and average readings. Ranging: Manual and auto-ranging capabilities. Connectivity: Bluetooth capable via optional U1177A IR-to-Bluetooth adapter for wireless data logging and monitoring. Illumination: Orange LED backlight. Auto Power Off: Enabled by default. Hand Guard: Included for preventing accidental contact with conductors. Duty Cycle Measurement: Available on the U1213A. Physical Characteristics * Clamp Opening Size: 52 mm (2 inches). Compatibility * Compatible with Keysight U1177A Infrared-to-Bluetooth adapter for wireless data logging. Compatible with all existing Keysight U1200 series handheld meters. Documentation and Resources * User and Service Guide: Available in English, French, Italian, and Spanish. Quick Start Guide: Available in multilingual formats. Data Sheets: Available for the U1210 Series. Why Choose Aumictech for Agilent/Keysight U1213A? At Aumictech, we specialize in supplying high-end electrical testing and measurement equipment. Whether you need accurate high-current measurements, comprehensive DMM capabilities, or reliable troubleshooting tools, our team ensures the Agilent/Keysight U1213A delivers maximum performance for your application.

U1213A Characteristics / Specifications

PARAMETER	VALUE
Model	U1213A
Instrument Type	Handheld clamp meter
Series Family	Keysight U1210 Series
Display Counts	4500
Bar Graph	12 segments
True Rms Mode	AC + DC
Jaw Opening	52 mm (2 inches)
Dc Voltage Range	1 mV to 1000 V
Dc Voltage Accuracy	0.2 percent (U1210 series fact-sheet DCV column for U1213A)
Ac Voltage Range	1 mV to 1000 V
Ac Voltage Accuracy	1.0 percent
Dc Current Range	0.01 A to 1000 A
Dc Current Accuracy	1.5 percent
Ac Current Range	0.01 A to 1000 A
Ac Current Accuracy	2.0 percent
Resistance Range	40 MΩ
Resistance Accuracy	0.3 percent
Capacitance Range	1 nF to 4000 μF
Temperature Range	K-type, minus 200 C to 1372 C
Frequency Measurement	up to 200 kHz (user's guide feature list)
Duty Cycle	supported (U1213A only)
Peak Hold	1 ms
Safety Rating	CAT III 1000 V, CAT IV 600 V
Overvoltage Protection Voltage Terminals	CAT III 1000 Vrms, CAT IV 600 Vrms

PARAMETER	VALUE
Battery	9 V

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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Notes

Numeric rows from Keysight U1210 Series Handheld Clamp Meters product fact sheet and Keysight U1211A/U1212A/U1213A Clamp Meters User's and Service Guide. Accuracies are the fact-sheet headline figures; full range-by-range tables are in the user's guide specifications chapter.

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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NIST-traceable calibration · SAM registered ·
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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.