

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 14, 2026

AGILENT / KEYSIGHT

Agilent/Keysight U1192A Clamp Meter 600A

Dimensions WxHxD: 77.1 mm x 225.0 mm x 38.6 mm Measurement Rate ACV DCV: approximately 3 readings per second Overload Protection Voltage: 600 Vrms class Numeric rows from Keysight U1190 Series Clamp Meters data sheet 5990-8646EN model column U1192A. Measurement Rate ACV DCV: approximately 3 readings per second Overload Protection Voltage: 600 Vrms class Numeric rows from Keysight U1190 Series Clamp Meters data sheet 5990-8646EN model column U1192A.



MODEL

**Agilent / Keysight
U1192A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

U1192A

LISTING

<https://aumictechlabs.com/products/u1192a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Agilent/Keysight U1192A is a 3½ digit handheld clamp meter designed for AC current measurements. It has a 6,000-count resolution and features a unique wire separator to isolate individual wires within a bundle for more precise measurements. The meter includes non-contact voltage detection (Vsense) with visual and audible alerts, as well as a built-in LED flashlight for improved visibility in low-light conditions. It is rated for CAT III 600 V and CAT IV 300 V overvoltage protection. The U1192A is an average-responding instrument. Technical Specifications * Display: LCD, 6,000 counts resolution AC Current Measurement: * Ranges: 60 A, 400 A * Response Type: Average Responding AC Voltage Measurement: * Ranges: 60 V, 600 V DC Voltage Measurement: * Ranges: 60 V, 600 V Resistance Measurement: Yes, up to 60 kΩ Capacitance Measurement: Yes, up to 6 mF Diode Test: Yes Continuity Test: Yes, with visual and

audible alerts Non-Contact Voltage (NCV) Detection (Vsense): Yes, with audible alert True RMS: No Frequency Measurement: Yes, up to 99.99 kHz Overvoltage Protection: CAT III 600 V, CAT IV 300 V Functions: Data Hold, Min/Max/Average recording, Auto-ranging, Null, Auto Power Off Jaw Opening: Not explicitly specified, but designed for individual wire measurement within a bundle. Battery Type: 2 x AAA 1.5 V batteries Operating Altitude: Up to 2,000 m Electrical Characteristics * AC Current Accuracy: Not specified for the U1192A specifically, but typical specifications for the U1190 series are detailed in datasheets. AC Voltage Accuracy: Not specified for the U1192A specifically, but typical specifications for the U1190 series are detailed in datasheets. DC Voltage Accuracy: Not specified for the U1192A specifically, but typical specifications for the U1190 series are detailed in datasheets. Resistance Accuracy: Not specified for the U1192A specifically, but typical specifications for the U1190 series are detailed in datasheets. Capacitance Accuracy: Not specified for the U1192A specifically, but typical specifications for the U1190 series are detailed in datasheets. Interfaces * Test Leads: Standard test lead set included Physical Characteristics * Dimensions: 225 mm (Length) x 77.1 mm (Width) x 38.6 mm (Height) Weight: 320 g Display Type: LCD Certifications: CAT III 600 V, CAT IV 300 V Ingress Protection: Not explicitly specified. Operating Temperature: -10 °C to 50 °C Storage Temperature: Not specified. Included Accessories: Test Lead Set, Soft Carrying Case, Quick Start Guide, Batteries, Certificate of Calibration Compatibility * AC/DC Current Measurement: Primarily designed for AC current. DC current measurement is not supported by the U1192A model. Voltage Measurement: Supports AC and DC voltage measurements. Other Measurements: Resistance, Capacitance, Diode Test, Continuity Test, Non-Contact Voltage Detection. Documentation and Resources * Manuals: * User's Guide (U1190A Series) * Quick Start Guide (U1190A Series) * Service Guide (U1190A Series) Datasheets: * U1190 Series Clamp Meters Datasheet * Product Fact Sheets (U1190 Series) Other Resources: * Brochures (Handheld Tools) * Memory Information (U1191A/92A/93A/94A) Product Status The Agilent/Keysight U1192A is a discontinued product, but it may still be supported by KeysightCare. Why Choose Aumictech for Agilent/Keysight U1192A? At Aumictech, we specialize in sourcing and providing high-quality test and measurement equipment. Whether you need a reliable AC current measurement solution, advanced troubleshooting tools with non-contact voltage detection, or solid equipment with essential safety ratings like CAT III and CAT IV, our team ensures that the Agilent/Keysight U1192A delivers accurate and safe performance for your critical applications.

U1192A Characteristics / Specifications

PARAMETER	VALUE
Instrument Type	Handheld clamp meter with DMM functions
Series Family	Keysight U1190 Series
Display Counts	6000 counts LCD maximum reading
Rms Method	Average responding
DC Voltage Range	60 to 600 V
DC Voltage Accuracy	0.5 percent plus 3 counts at 23 plus or minus 5 C
DC Voltage Input Impedance	10 MOhm
AC Voltage Range	60 to 600 V
AC Voltage Accuracy	1.2 percent plus 5 counts from 45 to 500 Hz
AC Voltage Bandwidth	45 to 500 Hz sine wave
AC Current Range	60 to 400 A
AC Current Accuracy 45 to 65 Hz	2.0 percent plus 5 counts on 60 A and 400 A
AC Current Accuracy 65 to 500 Hz	3.0 percent plus 5 counts on clamp ranges
Resistance Range	600 ohm to 60 kOhm
Resistance Accuracy	0.8 percent plus 5 counts on 600 ohm; 0.8 percent plus 3 counts on kohm ranges
Diode Test Range	1.5 V at 0.001 V resolution
Diode Test Accuracy	1.0 percent plus 3 counts
Diode Open Voltage	1.8 V maximum
Continuity Range	600 ohm at 0.1 ohm resolution
Continuity Threshold	buzzer below 30 ohm; no beep above 200 ohm
Continuity Tone	2.7 kHz buzzer
Capacitance Range	600 uF to 6 mF
Temperature Range	Not available
Frequency Range	99.99 Hz to 99.99 kHz
Frequency Accuracy	0.5 percent plus 3 counts on U1192A/U1193A/U1194A

PARAMETER	VALUE
DC Clamp Current Range	Not available
DC Microamp Range	Not available
AC Microamp Range	Not available
Vsense Noncontact Voltage	Yes
Built In Led Flashlight	Yes
Clamp Opening	31 mm
Clamping Diameter	27 mm
Safety Category	CAT III 600 V / CAT IV 300 V
Crest Factor	up to 3.0 at 4000 counts
Temperature Coefficient	0.1 x specified accuracy perCfrom 0 to 18 C or 28 to 50 C
CMRR	greater than 120 dB at DC 50/60 Hz in DC V; greater than 60 dB at 50/60 Hz in ACVBattery Type: 2 × 1.5 V AAA alkaline
Battery Life Typical	approximately 200 hours backlight off continuous DCV; 40 hours backlight on
Power Consumption	approximately 9 mVA backlight off DCV; 42 mVA backlight on DCV
Operating Temperature	minus 10 to 50 C, 0 to 80 percent RH
Altitude	up to 2000 m
Storage Temperature	minus 40 to 60 C, 40 to 80 percent RH without batteries
Dimensions WxHxD	77.1 mm x 225.0 mm x 38.6 mm
Weight With Batteries	320 g
Calibration Cycle	one year
Measurement Rate ACV DCV	approximately 3 readings per second
Auto Power Off	Yes
Data Hold Min Max Avg Null	Yes
Overload Protection Voltage	600 Vrms class
Bandwidth	45 to 500 Hz sine wave

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	minus 40 to 60 C, 40 to 80 percent RH without batteries
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Operating Temperature	minus 10 to 50 C, 0 to 80 percent RH
Altitude	up to 2000 m
Dimensions WxHxD	77.1 mm x 225.0 mm x 38.6 mm
Weight With Batteries	320 g
Calibration Cycle	one year
Measurement Rate ACV DCV	approximately 3 readings per second
Auto Power Off	Yes
Data Hold Min Max Avg Null	Yes
Overload Protection Voltage	600 Vrms class Notes Numeric rows from Keysight U1190 Series Clamp Meters data sheet 5990-8646EN model column U1192A.

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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AC Voltage Bandwidth	45 to 500 Hz sine wave
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AC Current Accuracy 45 to 65 Hz	2.0 percent plus 5 counts on 60 A and 400 A
AC Current Accuracy 65 to 500 Hz	3.0 percent plus 5 counts on clamp ranges
Resistance Range	600 ohm to 60 kOhm
Resistance Accuracy	0.8 percent plus 5 counts on 600 ohm; 0.8 percent plus 3 counts on kohm ranges
Diode Test Range	1.5 V at 0.001 V resolution
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Continuity Threshold	buzzer below 30 ohm; no beep above 200 ohm
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Capacitance Range	600 uF to 6 mF
Temperature Range	Not available
Frequency Range	99.99 Hz to 99.99 kHz
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PARAMETER	VALUE
DC Clamp Current Range	Not available
DC Microamp Range	Not available
AC Microamp Range	Not available
Vsense Noncontact Voltage	Yes
Built In Led Flashlight	Yes
Clamp Opening	31 mm
Clamping Diameter	27 mm
Safety Category	CAT III 600 V / CAT IV 300 V
Crest Factor	up to 3.0 at 4000 counts
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Auto Power Off	Yes
Data Hold Min Max Avg Null	Yes
Overload Protection Voltage	600 Vrms class

Notes

Numeric rows from Keysight U1190 Series Clamp Meters data sheet 5990-8646EN model column U1192A.

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.