

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 13, 2026

FLUKE

Fluke 117/323-KIT Electricians Multimeter Combo Kit

The Fluke 117/323-KIT is a combo kit designed for electricians, featuring the Fluke 117 digital multimeter and the Fluke 323 clamp meter. The Fluke 117 is a true-RMS multimeter for accurate readings on non-linear signals, integrated with VoltAlert™ technology for non-contact voltage detection. The Fluke 323 clamp meter measures AC current up to 400 A, offering a slim, ergonomic design for easy use in tight spaces.



MODEL

Fluke 117/323-KIT

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

117/323-KIT

LISTING

<https://aumictechlabs.com/products/117-323-kit-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Fluke 117/323-KIT combines a true-RMS digital multimeter and clamp meter in a single kit for electrical troubleshooting and maintenance. The Fluke 117 delivers non-contact voltage detection via VoltAlert™ technology, automatic AC/DC selection, and low-impedance input to eliminate ghost voltage errors. The Fluke 323 clamp meter measures AC current to 400 A and provides true-RMS accuracy on non-linear loads. Together, these instruments cover voltage, current, resistance, capacitance, and continuity measurements across residential and light commercial installations.

Technical Specifications

Fluke 117 Digital Multimeter

AC/DC Voltage: 600 V AC/DC

Current: 10 A (20 A overload, 30 seconds)

Resistance: 40 MΩ maximum

Capacitance: 1 nF to

9,999 μ F Frequency: 0.01 Hz to 50 kHz Display: 6000-count, white LED backlight Continuity: Beeper threshold 250 Ω ; 500 μ s minimum pulse detection Safety Rating: CAT III 600 V; 6 kV peak surge protection per IEC 61010-1 Fuse: 11 A, 1000 V FAST Fluke 323 Clamp Meter AC Current: 400 A (2% $\pm$ 5 digits at 45–65 Hz; 2.5% $\pm$ 5 digits at 65–400 Hz) AC Voltage: 600 V (1.5% $\pm$ 5 digits) DC Voltage: 600 V (1.0% $\pm$ 5 digits) Resistance: 4 k Ω maximum (1.0% $\pm$ 5 digits) Continuity: < 70 Ω threshold Jaw Size: 30 mmKey Features True-RMS measurement on both instruments for non-linear signal accuracy VoltAlert™ non-contact voltage detection (117 only) AutoVolt automatic AC/DC voltage selection (117 only) LoZ low-impedance input prevents false ghost voltage readings (117 only) Min/Max/Average recording with elapsed time (117 only) Diode test and fast continuity checks (117) Slim ergonomic design in clamp meter for confined spaces Compact design supports one-handed operation (117) ToolPak™ magnetic hanger compatible (117, optional)Typical Applications Electrical troubleshooting, circuit diagnostics, load analysis, voltage and continuity verification in control systems and branch circuits.Compatibility & Integration Both meters comply with IEC 61010-1 (Pollution Degree 2) and IEC 61010-2-033. The 117 accepts optional ToolPak™ hanger for hands-free positioning.

Features & description

From manufacturer datasheet

Features

- Kit: Fluke 117 DMM + Fluke 323 clamp + TL175 + TPAK + case

117323KIT Characteristics / Specifications

PARAMETER	VALUE
Model	Fluke 117/323-KIT
Manufacturer	Fluke
Instrument Type	Electricians Multimeter and Clamp Combo Kit
Kit contents	117 DMM; 323 clamp; TL175 leads; TPAK hanger; case
DMM max voltage to earth	600 V
DMM surge protection	6 kV peak IEC 61010-1 CAT III 600 V
DMM display counts	6000
DMM DC mV range	600.0 mV
DMM DC mV accuracy	0.5% + 2
DMM DCVaccuracy	0.5% + 2
DMM ACVTrue RMS ranges	6.000 V / 60.00 V / 600.0 V
DMM ACVaccuracy 45 to 500 Hz	1.0% + 3
DMM Ohms ranges	600 ohm to 40 MOhm
DMM Continuity beeper on	less than 20 ohm
DMM Continuity beeper off	greater than 250 ohm
DMM Capacitance ranges	1000 nF to greater than 1000 uF
DMM ACATrue RMS ranges	6.000 A / 10.00 A
DMM Battery	9 V alkaline
DMM Battery life	about 400 hours without backlight
DMM Operating temperature	10 C below zero to 50 C
Clamp AC current range	400.0 A
Clamp AC current accuracy 45 to 65 Hz	2% +/-5 digits
Clamp AC current accuracy 65 to 400 Hz	2.5% +/-5 digits
Clamp AC voltage range	600.0 V
Clamp AC voltage accuracy	1.5% +/-5 digits

PARAMETER	VALUE
Clamp DC voltage range	600.0 V
Clamp DC voltage accuracy	1.0% +/-5 digits
Clamp Resistance	400.0 ohm / 4000 ohm
Clamp Resistance accuracy	1.0% +/-5 digits
Clamp Continuity threshold	70 ohm or less
Clamp Max wire diameter	30 mm
Clamp Size mm	207 × 75 × 34
Clamp Weight	265 g
Clamp Category rating	CAT III 600 V / CAT IV 300 V
Clamp Warranty	2 years
DMM Safety category	CAT III 600 V Notes Specs from Fluke 117/323-KIT and Fluke 117 / 323 OEM pages. Confirm kit contents on the package. Accuracy figures are OEM stated; always observe CAT ratings and fused current inputs on the 117.
Kit	Fluke 117 DMM + Fluke 323 clamp + TL175 + TPAK + case
Operating temperature	10 C below zero to 50 C

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	10 C below zero to 50 C
Operating Temperature	10 C below zero to 50 C
Clamp AC current range	400.0 A
Clamp AC current accuracy 45 to 65 Hz	2% +/-5 digits
Clamp AC current accuracy 65 to 400 Hz	2.5% +/-5 digits
Clamp AC voltage range	600.0 V
Clamp AC voltage accuracy	1.5% +/-5 digits
Clamp DC voltage range	600.0 V
Clamp DC voltage accuracy	1.0% +/-5 digits
Clamp Resistance	400.0 ohm / 4000 ohm
Clamp Resistance accuracy	1.0% +/-5 digits
Clamp Continuity threshold	70 ohm or less
Clamp Max wire diameter	30 mm
Clamp Size mm	207 × 75 × 34
Clamp Weight	265 g
Clamp Category rating	CAT III 600 V / CAT IV 300 V
Clamp Warranty	2 years
DMM Safety category	CAT III 600 V Notes Specs from Fluke 117/323-KIT and Fluke 117 / 323 OEM pages. Confirm kit contents on the package. Accuracy figures are OEM stated; always observe CAT ratings and fused current inputs on the 117.

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
Model	Fluke 117/323-KIT
Manufacturer	Fluke
Instrument Type	Electricians Multimeter and Clamp Combo Kit
Specifications	
PARAMETER	VALUE
Kit contents	117 DMM; 323 clamp; TL175 leads; TPAK hanger; case
DMM max voltage to earth	600 V
DMM surge protection	6 kV peak IEC 61010-1 CAT III 600 V
Specifications	
PARAMETER	VALUE
DMM display counts	6000
DMM DC mV range	600.0 mV
DMM DC mV accuracy	0.5% + 2
Specifications	
PARAMETER	VALUE
DMM DCVaccuracy	0.5% + 2
DMM ACVTrue RMS ranges	6.000 V / 60.00 V / 600.0 V
DMM ACVaccuracy 45 to 500 Hz	1.0% + 3
Specifications	
PARAMETER	VALUE
DMM Ohms ranges	600 ohm to 40 MOhm
DMM Continuity beeper on	less than 20 ohm
DMM Continuity beeper off	greater than 250 ohm

Specifications

PARAMETER	VALUE
DMM Capacitance ranges	1000 nF to greater than 1000 uF
DMM ACATrue RMS ranges	6.000 A / 10.00 A
DMM Battery	9 V alkaline

Specifications

PARAMETER	VALUE
DMM Battery life	about 400 hours without backlight
DMM Operating temperature	10 C below zero to 50 C
Clamp AC current range	400.0 A

Clamp AC current accuracy 45 to 65 Hz: 2% +/-5 digits
Clamp AC current accuracy 65 to 400 Hz: 2.5% +/-5 digits

Specifications

PARAMETER	VALUE
Clamp AC voltage range	600.0 V
Clamp AC voltage accuracy	1.5% +/-5 digits
Clamp DC voltage range	600.0 V

Specifications

PARAMETER	VALUE
Clamp DC voltage accuracy	1.0% +/-5 digits
Clamp Resistance	400.0 ohm / 4000 ohm
Clamp Resistance accuracy	1.0% +/-5 digits

Specifications

PARAMETER	VALUE
Clamp Continuity threshold	70 ohm or less
Clamp Max wire diameter	30 mm
Clamp Size mm	207 x 75 x 34

Specifications

PARAMETER	VALUE
Clamp Weight	265 g
Clamp Category rating	CAT III 600 V / CAT IV 300 V

PARAMETER	VALUE
-----------	-------

Clamp Warranty	2 years
----------------	---------

DMM Safety category: CAT III 600 V

Notes

Specs from Fluke 117/323-KIT and Fluke 117 / 323 OEM pages. Confirm kit contents on the package. Accuracy figures are OEM stated; always observe CAT ratings and fused current inputs on the 117.

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>

NIST-traceable calibration · SAM registered ·
30-day returns
NAICS 423690 · 811210 · 541380
Generated August 13, 2026

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