

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 14, 2026

FLUKE

Fluke 45 Dual Display 5-Digit Multimeter

The Fluke 45 is a versatile 5-digit multimeter with dual display, capable of measuring DC voltage, AC voltage, DC current, AC current, resistance, frequency, and capacitance. It features a bright electroluminescent display for easy reading and offers RS-232 connectivity for data logging and remote control.



MODEL Fluke Fluke 45	CALIBRATION Available on request
CONDITION Used	STATUS In stock
RFQ / SKU Fluke 45	LISTING https://aumictechlabs.com/products/fluke-45-2/

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Fluke 45 is a reliable bench multimeter range of electronic testing and measurement applications. Its dual display allows simultaneous viewing of two different measurements. The meter offers true-RMS AC voltage and current measurements, ensuring accuracy even with non-sinusoidal waveforms. Additional features include Min/Max/Average recording, relative mode, and audible continuity testing.

FLUKE45 Characteristics / Specifications

PARAMETER	VALUE
Display Type	Dual vacuum fluorescent
Resolution Modes	100000, 30000, and 3000 counts
DC Voltage Range	0 V to 1000 V
DC Voltage Best Accuracy Medium Rate	plus or minus (0.025 percent plus 2)
DC Voltage Max Resolution	1 uV
AC Voltage Range	0 V to 750 V
AC Voltage Best Accuracy Medium Rate	plus or minus (0.2 percent plus 10) true RMS
AC Voltage Bandwidth Class	20 Hz to 100 kHz
DC Current Range	0 mA to 10 A
DC Current Best Accuracy Medium Rate	plus or minus (0.05 percent plus 2)
AC Current Range	15 uA to 10 A
AC Current Best Accuracy Medium Rate	plus or minus (0.5 percent plus 10) true RMS
AC Current Bandwidth Class	20 Hz to 20 kHz
Resistance Range	0 ohm to 100 Mohm
Resistance Best Accuracy Medium Rate	plus or minus (0.05 percent plus 2)
Frequency Range	5 Hz to greater than 1 MHz
Frequency Best Accuracy	plus or minus (0.05 percent plus 1) dB Readout Ref 600 ohm Class: -34 to +60 dBm resolution 0.01 to 0.1 dB
Reading Rates Class	about 2.5 / 5 / 20 readings per second by resolution
Interfaces	RS-232 standard; IEEE-488.2 optional
Size WxHxD	216 mm x 93 mm x 286 mm
Weight Net	2.4 kg; 3.2 kg with battery option
Line Power	90 to 264 V ac 50/60 Hz
Bandwidth	Class: 20 Hz to 100 kHz

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	
Best accuracies are medium reading-rate one-year summary values from Fluke 45 Dual Display Multimeter	

datasheet materials and users/service manual specification tables. Range-by-range and rate-dependent figures remain on the faceplate/certificate.

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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<https://aumictechlabs.com>

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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.