

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 14, 2026

FLUKE

Fluke 77-4 Industrial Multimeter, 1000V

The Fluke 77-IV (77 Series IV) is an average responding digital multimeter for general electrical and electronic troubleshooting. OEM datasheet rates 0.3 percent DC voltage accuracy, 1000 V measurement range, frequency and capacitance, and 20 A current for 30 seconds. Field service electrical measurements, residential and commercial troubleshooting, and general purpose voltage current resistance frequency and capacitance checks. DC Voltage Basic Accuracy: 0.3 percent plus 1 DC Voltage Ranges Class: 6.000 V to 1000 V Included: TL75 test leads user manual 9 V battery Manufacturer: per instrument faceplate branding Documentation Basis: OEM datasheet or operating manual family Numeric rows from Fluke 77IV / Fluke-77-4 datasheet. Accuracy stated for 1 year after calibration at 18 C to 28 C.



MODEL

Fluke 77-4

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

77-4

LISTING

<https://aumictechlabs.com/products/77-4-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Fluke 77-4 Industrial Multimeter delivers 1000 V measurement capability for industrial electrical troubleshooting and general-purpose testing. This digital multimeter combines enhanced safety features, expanded measurement functions, and a backlit display optimized for demanding field environments. Its compact, ergonomic design and dual ranging modes support both rapid diagnostics and precision work across voltage, current, resistance, capacitance, and frequency measurements. Technical Specifications Voltage & Current DC Voltage: 6.000 V to 1000 V, $\pm(0.3\% + 1)$ accuracy, 0.1 mV resolution AC Voltage: 600.0 mV to 1000 V, $\pm(2.0\% + 2)$

accuracy, 1.0 mV resolution (average responding) DC Current: 60.00 mA to 10 A, $\pm(1.5\% + 2)$ accuracy, 0.01 mA resolution AC Current: 60.00 mA to 10 A continuous (20 A overload for 30 s), $\pm(2.5\% + 2)$ accuracy, 0.01 mA resolution Passive Components & Frequency Resistance: 600.0 Ω to 50 M Ω , $\pm(0.5\% + 1)$ accuracy, 0.1 Ω resolution Capacitance: 1 nF to 9,999 μ F, $\pm(1.2\% + 2)$ accuracy, 1 nF resolution Frequency: 99.99 Hz to 99.99 kHz, $\pm(0.1\% + 1)$ accuracy, 0.01 Hz resolution Continuity: Audible indicator Display Large digital display with backlight; 6,000 count resolution for voltage/current, 10,000 counts for frequency, 1,000 counts for capacitance. Analog bargraph included. Key Features Auto and manual ranging modes Min/Max recording for signal fluctuation analysis AutoVolt automatic AC/DC selection Low input impedance to eliminate ghost voltage errors Overmolded ergonomic housing with integrated probe holders Optional TPAK magnetic hanger compatible 9 V battery powered; typical life 400 hours Safety & Compliance CAT III 1000 V / CAT IV 600 V rated. Meets ANSI/ISA S82.02.01, CSA C22.2-1010.1, and IEC 61010. 8 kV peak surge protection per IEC 61010. Physical & Environmental 185 mm L $\times$ 90 mm W $\times$ 43 mm H; 420 g. Operating range: -10°C to $+50^{\circ}\text{C}$. Included Fluke TL75 test leads, 9 V battery (installed), user manual, NIST calibration certificate (CAL models).

77 Characteristics / Specifications

PARAMETER	VALUE
DC Voltage Basic Accuracy	0.3 percent plus 1
DC Voltage Ranges Class	6.000 V to 1000 V
AC Measurement Type	average responding
Current 20 A Class	20 A for 30 seconds
Frequency Ranges Class	99.99 Hz to 99.99 kHz
Capacitance Ranges Class	1000 nF to 9999 uF
Resistance Ranges Class	600.0 ohm to 50.00 MOhm
Continuity	600 ohm range class beeps below 25 ohm
Diode Test	2.400 V range class
Display Counts Class	6000
Safety Compliance Class	ANSI/ISA CSA IEC 61010
Maximum Voltage Class	1000 V
Battery	9 V
Form Factor	handheld
Operating Temperature Class	18 C to 28 C for stated accuracy
Relative Humidity Accuracy Condition	0 to 90 percent
MIN MAX AVG	yes
Auto Range	yes
Series Family	Fluke 77 IV / 70 series
Included	TL75 test leads user manual 9 V battery
Manufacturer	per instrument faceplate branding
Documentation Basis	OEM datasheet or operating manual family
Operating temperature	Class: 18 C to 28 C for stated accuracy
Humidity	Accuracy Condition: 0 to 90 percent

77 Specifications

PARAMETER	VALUE
Fluke 77 IV Digital Multimeter	Overview
Key Features	0.3 percent DC accuracy class
Resistance and continuity	20 A input for 30 seconds class
Technical Specifications	DC Voltage Basic Accuracy: 0.3 percent plus 1
Notes	Numeric rows from Fluke 77IV / Fluke-77-4 datasheet. Accuracy stated for 1 year after calibration at 18 C to 28 C.

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: 18 C to 28 C for stated accuracy
Operating Temperature	Class: 18 C to 28 C for stated accuracy
Humidity	Accuracy Condition: 0 to 90 percent
Operating Temperature Class	18 C to 28 C for stated accuracy
Relative Humidity Accuracy Condition	0 to 90 percent
MIN MAX AVG	yes
Auto Range	yes
Series Family	Fluke 77 IV / 70 series
Included	TL75 test leads user manual 9 V battery
Manufacturer	per instrument faceplate branding
Documentation Basis	OEM datasheet or operating manual family Notes Numeric rows from Fluke 77IV / Fluke-77-4 datasheet. Accuracy stated for 1 year after calibration at 18 C to 28 C.

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
DC Voltage Basic Accuracy	0.3 percent plus 1
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AC Measurement Type	average responding
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Notes	
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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 ·
30-day returns
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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.