

77IV Digital Multimeter



On all inputs

Fluke 77 IV



Included Accessories

TL75 test leads, operator's manual, 9V battery (installed)

Ordering Information

Fluke 77IV Multimeter

Versatile multimeter for field service or bench repair

The 77-IV digital multimeter has the features needed to repair most electrical and electronic problems. This meter is simple to use and has significant improvements over Fluke's original

70 Series with more measurement functions, conformance to the latest safety standards, and a much larger display that's easier to view.

Features

	77 IV
Digital display counts	6000
Large display with backlight	●
Min-Max-Average recording mode with Min/Max Alert	●
High contrast digital display with large digits	●
Analog bargraph/segments	31
Auto and Manual ranging	●
Automatic Touch Hold®	●
Audible continuity / diode test	●
Ergonomic case with integrated holster	●
Sleep Mode preserves battery life	●
EN 61010-1 safety rating	CAT IV 600 V / CAT III 1000 V

Specifications

Function	Maximum	Max. resolution	Accuracy
Voltage DC	1000 V	1 mV	±(0.3%+1)
Voltage AC	1000 V	1 mV	±(2.0%+2)
Current DC	10 A	0.01 mA	±(1.5%+2)
Current AC	10 A	0.01 mA	±(2.5%+2)
Resistance	50 MΩ	0.1 Ω	±(0.5%+1)
Capacitance	9999 µF	1 nF	±(1.2%+2)
Frequency	99.99 kHz	0.01 Hz	±(0.1%+1)

Accuracies are best accuracies for each function.

Battery Life: 400 hours typical

Weight: 0.42 kg

Size (HxWxD): 185 mm x 90 mm x 43 mm **Lifetime Warranty**

27 Sealed Digital Multimeter



On all inputs

Fluke 27



Included Accessories

TL75 right-angle test leads, two insulated AC72 alligator clips, spare fuse, 9 Volt battery and operator's manual.

Ordering Information

Fluke 27 Multimeter

Completely sealed to prevent entry of water and contaminants

A special extra rugged case with o-rings prevents water from entering the input jacks and switches. Use this meter in very harsh, wet or dusty locations. Meets MIL STD 28800 military specifications for vibration, shock, and water resistance.

- Rugged, O-Ring Sealed Case
- Separate, Sealed Battery/Fuse Door
- Operates from -15°C to +55° and 95% Relative Humidity
- Meets Military Shock, Vibration and Water Resistance Requirements
- Min/Max Relative Mode
- Audible Continuity/Diode Test
- Superior EMI Shielding

- 3200 Digital Display/Counts
- 31 Analog Bar Graph/Segments
- Fast Auto and Manual Ranging
- Touch Hold®

Specifications

Function	Range & Resolution	Best Accuracy
Voltage DC	320.0 mV, 3.200 V, 32.00 V, 320.0 V, 1000 V	±(0.1% +1)
Voltage AC	320.0 mV, 3.200 V, 32.00 V, 320.0 V, 1000 V	±(0.5% +3)
Current DC	320.0 µA, 3.200 mA, 32.00 mA, 320.0 mA, 10 A	±(0.75% +2)
Current AC	320.0 µA, 3.200 mA, 32.00 mA, 320.0 mA, 10 A	±(1.5% +2)
Resistance	320 Ω, 3.200 kΩ, 32.00 kΩ, 320.0 kΩ, 3.200 MΩ, 32.00 MΩ	±(0.2% +1)
Conductance	32.00 ns	±(2% +10)

Range & Resolution: If selected range is 3.200V the resolution is 0.001V in that range

Size (HxWxD): 203 mm x 95 mm x 56 mm

Weight: 0.75 kg

Lifetime Warranty

Battery Life: Typically over 1000 hours (alkaline)