

Fluke 77IV Digital Multimeter



Fluke 77IV



Versatile multimeter for field service or bench repair

The Fluke 77IV 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 is easier to view.

- Wide 1000 V measurement range
- Average responding AC measurements
- 0.3% accuracy
- 10 amps continuous
- Frequency and capacitance
- Resistance and continuity
- Large display
- Backlight for work in dim areas
- Min/Max to record signal fluctuations
- Integral holster with probe holders
- Free your hands with the optional TPAK magnetic hanger
- Auto and manual ranging
- Limited lifetime manufacturer's warranty

Recommended Accessories



i400
AC Current Clamp



C35
Soft Carrying Case



TPAK
Magnetic Meter Hanger



TL225
SureGrip™ Stray Voltage Adapter Test Lead Kit



i2000 FLEX
AC Current Clamp



TLK-225
SureGrip™ Master Accessory Kit

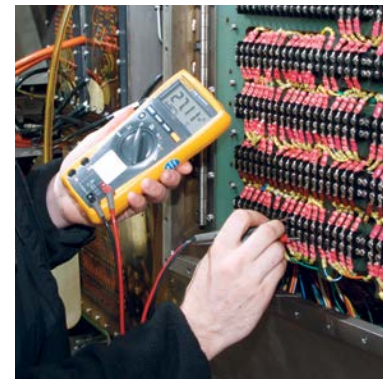
Function	Maximum	Max. resolution	Accuracy
Voltage DC	1000 V	1 mV	±(0.3%+1)
Voltage AC	1000 V	1 mV	±(2.0%+2)
Current DC	10 A	0.01 mA	±(1.5%+2)
Current AC	10 A	0.01 mA	±(2.5%+2)
Resistance	50 MΩ	0.1 Ω	±(0.5%+1)
Capacitance	9,999 μF	1 nF	±(1.2%+2)
Frequency	99.99 kHz	0.01 Hz	±(0.1%+1)

Accuracies are best accuracies for each function.

General Specifications

Accuracy is specified for one year after calibration, at operating temperatures of 18° C to 28° C, with relative humidity at 0% to 90%. Accuracy specifications take the form of ±([% of Reading] + [Counts]).

Specifications	77IV
V Maximum voltage between any terminal and earth ground	1000 V
Surge protection	8 kV peak per IEC 61010-2-033
Fuse for mA input	440 mA, 1000 V FAST Fuse
Fuse for A input	11 A, 1000 V FAST Fuse
Display	Digital: 6000 counts, updates 4/sec
Bar Graph	33 segments, updates 32/sec
Frequency	10000 counts
Capacitance	1 000 counts
Operating altitude	2000 m
Storage altitude	12000 m
Operating temperature	-10° C to 50° C (14° F to 122° F)
Storage temperature	-40° C to 60° C (-40° F to 140° F)
Temperature coefficient	0.1 × (specified accuracy/° C (< 18° C or > 28° C) (< 64.4° F or > 82.4° F))
Electromagnetic compatibility (EN 61326-1:1997)	In an RF field up to 3 V/m, accuracy = specified accuracy except in temperature: specified accuracy ±5° C
Relative humidity (maximum non-condensing)	90% to 35° C; 75% to 40° C; 45% to 50° C (90% to 95° F; 75% to 104° F; 45% to 122° C)
Battery life	400 hours
Size (H×W×L) and Weight	185 × 90 × 43 mm (7.28 × 3.54 × 1.70 in); 420 g (14.81 oz)
Safety compliance	IEC 61010-2-033; CAT III 1000 V, CAT IV 600 V
Certifications	CSA



Included Accessories

TL75 Test Leads, 9V battery (installed), manual information pack.

Ordering Information

FLUKE-77-4 Digital Multimeter

Contact your local distributor for price and availability.

fluke.com/wtb

