

10 Series Multimeters

A Family of Affordable Fluke Meters, Ideal for First-Level Electrical and Electronic Troubleshooting



The three 10 Series models are designed to support first level electrical and electronic troubleshooting. Their compact design, slide-switch, pushbutton controls allow true one-hand operation. The 12B has the same great functionality as our model 12, now with an easy-to-use rotary dial. In addition to the features and functionality of the 12B, the Fluke 16 incorporates temperature and microamps for flame sensor measurements.

Safety Conformance

All inputs are protected to EN61010-1 CAT III 600V, UL, CSA and TÜV listed.

Features

	10	11	12/12B	16
4000 Count Digital Display	●	●	●	●
V Chek™		●	●	●
Capacitance		1.000 µF-10 000 µF	1.000 µF-10 000 µF	1.000 µF-10 000 µF
Min/Max Record w/Relative Time Clock			●	●
Continuity Capture			●	●
Diode Test	●	●	●	●
Fast Continuity Beeper	●	●	●	●
Sleep Mode	●	●	●	●
Temperature				●
Microamps				●

V Chek™ (not on 10): simplifies safe power source and supply measurement. When measuring ohms/continuity with more than 4.5 volts present across the input jacks (intentional or not), the meter automatically switches to measuring ac or dc volts, whichever is greater. Input impedance is approximately 2 kΩ, helping determine if voltage is from leakage or a hard connection. Overload protection is provided if the circuit is checked in ohms mode

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Accessories and Ordering Information

Included Accessories

Each model includes safety-designed TL75 test leads, 9V battery (installed) and operator's manual. In addition the Fluke 16 includes the 80BK temperature accessory, and C10 Holster.

Ordering Information

- FLUKE 10 Multimeter
- FLUKE 11 Multimeter
- FLUKE 12 Multimeter
- FLUKE 12B Multimeter
- FLUKE 16 Multimeter

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Rev. 02

Specifications

Function	Range & Resolution	Best Accuracy			
		10	11	12/12B	16
VDC	4000 mV, 4.000V, 40.00V, 400.0V, 600V	±(1.5% + 1)	±(0.9% + 1)	±(0.9% + 1)	±(0.9% + 1)
VAC	4000 mV, 4.000V, 40.00V, 400.0V, 600V	±(2.9% + 3)	±(1.9% + 3)	±(1.9% + 3)	±(1.9% + 3)
ADC	200.0 µA	N/A	N/A	N/A	±(1.0% + 2)
AAC	200.0 µA	N/A	N/A	N/A	±(2.0% + 3)
Resistance	400Ω, 4.000 kΩ, 40.00 kΩ, 400.0 kΩ, 4.000 MΩ, 40.00 MΩ	±(1.5% + 1)	±(0.9% + 1)	±(0.9% + 1)	±(0.9% + 1)
Capacitance	1.000 µF, 10.00 µF, 100.0 µF, 1000 µF, 10 000 µF	N/A	±(1.9% + 2)	±(1.9% + 2)	±(1.9% + 2)
Temperature	-10 to 400°C -40 to 10°C				±(1% + 0.8°C) ±(5% + 1.5°C)

Range & Resolution: If selected range is 4.000V the resolution is 0.001V in that range

Battery Life: Alkaline, 650 hours continuous Carbon-zinc, 450 hours continuous

Size (HxWxD): 142.3 mm x 70.5 mm x 34.6 mm

Weight: 286 g

Three Year Warranty: One year guaranteed calibration