

Fluke 12B Multimeter Electrical Testers

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Economical, Easy-to-Use DMM and Electrical Testers; Safety Engineered for Power Circuit

The Model 12B Series are ideal for basic electrical troubleshooting. The 12B has the same great functionality as our popular Model 12, now with an easy-to-use rotary dial. Simply turn on and use.

[Register your Fluke Multimeter here](#)

New

Download [application notes](#) for more information on multimeter procedures. **New**

Features at a Glance:

- 4000 count digital display
- Auto Selection (V-Chek™) simplifies voltage measurements in power environments. 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 k Ω , helping determine if voltage is from leakage (so-called "ghost" voltages) or a hard connection. Overload protection is provided in all measurement modes
- Automatic readings of volts ac or dc, whichever is greater (600V in 12B)

- Continuity beeper
- TL75 Test Leads included with meter
- High visibility yellow plastic housing makes it easy to locate on the job or in your toolbox
- Voltage measurement down to millivolts - compatible with temperature accessories
- High resistance ranges to 40 M Ω
- 5 ranges of capacitance
- Continuity Capture™ that locates intermittent opens as brief as 250's and identifies them in a symbolic display as short-to-open or open-to-short
- Min/Max recording with relative time stamp records the highest and lowest voltage readings during a 100-hour period
- Sleep mode preserves battery life

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Fluke 12B Multimeter Electrical Testers Features

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- Digital Display/Counts 4000
- AC&DC Voltage 600V
- Resistance
- Continuity Beeper
- Diode Test
- Sleep Mode
- Capacitance (Fluke 11 12/12B only)
- Auto Selection V Chek™ (Fluke 11 12/12B only)
- Min/Max Record w/ Relative Time Clock (Fluke 12/12B only)
- Continuity Capture™ (Fluke 12/12B only)

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Fluke 12B Multimeter Electrical Testers Specifications

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VDC	Range and Resolution: 40.00V, 400V, 600V, 4.000V, 4000mV* Best Accuracy: Model 10 $\pm(1.5\%+1)$ Model 11/12/12B $\pm(0.9\%+1)$
VAC	Range and Resolution: 40.00V, 400V, 600V, 4.000V, 4000mV* Best Accuracy: Model 10 $\pm(2.9\%+3)$ Model 11/12/12B $\pm(1.9\%+3)$
Resistance	Range and Resolution: 400.0 Ω , 4.000 k Ω , 40.00 k Ω , 400.0 k Ω , 4.000 M Ω , 40.00 M Ω Best Accuracy: Model 10 $\pm(1.5\%+1)$ Model 11/12/12B $\pm(0.9\%+1)$
Capacitance	Range and Resolution: 1.000 μ F, 10.00 μ F, 100.0 μ F, 1000 μ F, 10,000 μ F (10 μ F resolution in 10,000 μ F range) Best Accuracy: Model 10 N/A Model 11/12/12B $\pm(1.9\%+2)$
Battery life	Alkaline, 650 hours continuous, sleep mode
Size	142.3 mm L x 70.5 mm W x 34.6 mm D (5.55 in L x 2.75 in W x 1.35 in D)
Weight	10 oz (286 gm)
Warranty	Two years

*Available in manual mode. Use this range with accessories.

Fluke 12B Multimeter Electrical Testers Models, Options & Accessories

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Model Name	Product Description
Fluke 12B *	Multimeter

*Includes TL75 Hard Point™ Test Leads, a 9 volt battery (installed) and owner's manual.

Available Accessories and Options

Model Name	Accessory or Option Description
80K-40	High Voltage Probe (DC only)
80K-6	High Voltage Probe (DC only)
80T-150U	Universal Temperature Probe
80T-IR	Non-Contact Infrared Temperature Probe
80TK	Thermocouple Module
85RF	High Frequency Probe, 500 MHz
C10	Holster for 10 and 7 Series (Yellow)
C12A	Soft Case for 10 Series
C530	Leather Accessory Case
C550	Tool bag
i-1010	Clamp-on AC/DC Current Probe
i-410	Clamp-on AC/DC Current Probe
PV350	Pressure/Vacuum Module (0 to 350 PSI)
TL20	63" Test Lead Set

TL22	63" Right Angle Silicone Test Lead Set
TL23F	Electrical Test Lead Set
TL23R	Electrical Test Lead Set
TL24	63" Right Angle/Straight Silicone Test Leads
TL26A	60" 5-Way Test Lead Set
TL28A	63" Alligator Clip Test Lead Set
TL71	Premium DMM Test Lead Assembly
TL74	4 mm Diameter Test Leads
Y8140A	48" Slim Flex Test Lead Set

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