

110 Series Digital Multimeters

New

Compact design for ergonomic one-handed operation

The Fluke 110 Series comprises of four true-rms DMMs each designed for specific users, so one is sure to match your needs. The compact instruments offer convenient one-handed operation and feature a backlit display with large, easy-to-read digits.

Fluke 117 Electrician's Multimeter with Non-Contact Voltage

For electricians working in commercial and non-commercial premises (like hospitals and schools), the 117 is recommended. It includes extras like non-contact voltage detection to help get the job done faster and safer.

Fluke 116 Multimeter with temperature and microamps

The 116 is for heating, ventilation and air conditioning (HVAC) engineers. It includes temperature measurement and microamp current ranges to quickly troubleshoot HVAC problems.

Fluke 115 Multimeter for field service testing

An everyday multimeter for technicians, the 115 is optimized for electrical and electronic testing in field service, industrial, and applications where more than basic functionality (such as measurement of ac/dc current) simplifies working.

Fluke 114 Electrical Multimeter

The 114 is ideal for electrical troubleshooting and straightforward 'go/no-go' testing in residential/commercial electrical testing. It has all the basic functions plus a special feature to prevent false readings caused by ghost voltage.



Fluke 117



Fluke 115



Fluke 114



Fluke 116



On all inputs



Included Accessories

Test leads with 4 mm lantern tips and protective cap. Holster, installed 9V battery and users manual

Ordering Information

- Fluke 114 True RMS Multimeter
- Fluke 115 True RMS Multimeter
- Fluke 116 True RMS Multimeter
- Fluke 117 True RMS Multimeter
- Fluke 117/322 Kit Electricians Combo Kit

Features

	114	115	116	117
True RMS readings	AC	AC	AC	AC
Counts	6000	6000	6000	6000
Backlight	●	●	●	●
Analog bargraph	●	●	●	●
AutoVolt: Automatic AC/DC voltage selection	●		●	●
VoltAlert™, Non-contact voltage detection				●
Built-in thermometer for HVAC applications			●	
LoZ: low input impedance to prevent ghost voltage	●		●	●
Min/Max/Average to record signal fluctuations	●	●	●	●
Resistance, continuity	●	●	●	●
Frequency, Capacitance, Diode test		●	●	●
Microamps to test flame sensors			●	
Display hold	●	●	●	●
Auto/manual ranging	●	●	●	●
Low battery indication	●	●	●	●
Compact case with removable holster	●	●	●	●

Specifications

(Check the Fluke web for detailed specifications)

Functions	Maximum	Max. resolution	114	115	116	117
Voltage DC	600V	1mV	±(0.5%+2)	±(0.5%+2)	±(0.5%+2)	±(0.5%+2)
Voltage AC	600V	1mV	±(1.0%+3)	±(1.0%+3)	±(1.0%+3)	±(1.0%+3)
Current DC	10.00A	1mA		±(1.0%+3)		±(1.0%+3)
Current AC	10.00A	0.01A		±(1.5%+3)		±(1.5%+3)
Resistance	40MΩ	0.1Ω	±(0.9%+1)	±(0.9%+1)	±(0.9%+1)	±(0.9%+1)
Capacitance	10000µF	1nF		±(1.9%+2)	±(1.9%+2)	±(1.9%+2)
Frequency	50kHz	0.01Hz		±(0.1%+2)	±(0.1%+2)	±(0.1%+2)
Temperature	-40°C/+400°C	0.1°C			±(1.0%+2)	

Accuracies are best accuracies for each function

Battery type: 9 volt Alkaline, 400 hours typical
Size (HxWxD): 167 mm x 84mm x 46 mm

Weight: 0.55 kg (including batteries)
Three Year Warranty

Recommended Accessories



C50
See page 94



TL223
See page 88



MC6
See page 98



TPAK
See page 97