110 Series Digital Multimeters

FLUKE ®

Sometimes smaller is better

True-rms

New

EN 61010-1 600V CAT III

When size is important, the 110 Series are clearly the best choice. These little meters pack more features than many multimeters twice their size.
True RMS AC measurements, a 6000-count display and min-max-average recording are standard with all models. And the capability to measure frequency and capacitance make them really powerful.
The compact case has a removable protective holster and a battery door to allow easy replacement of the batteries.

Safety Conformance

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

LISTED UL CSA TÜV PRODUCT SERVICE GS VDE pending

Features

	110	111	112
True-RMS measurements	AC	AC	AC
Digital display counts, updates 4 times per second	6000	6000	6000
Display backlight			●
Analog bargraph / segments, updates 40 times per second	33-segments	33-segments	33-segments
Auto and Manual ranging	●	●	●
Display Hold	●	●	●
Min-Max-Average recording mode with Min/Max Alert	●	●	●
Audible continuity and diode test	●	●	●
Test lead alert	●	●	●
Unsafe voltage alert warns for voltages above 30V	●	●	●
Low battery indication	●	●	●
Compact case with removable holster	●	●	●
Easy battery exchange without opening the complete case	●	●	●
Selectable sleep mode preserves battery life	●	●	●

Specifications

Functions	Maximum	Max. resolution	110	111	112
Voltage DC	600 V	1 mV	±(0.7%+2)	±(0.7%+2)	±(0.7%+2)
Voltage AC	600 V	1 mV	±(1.0%+3)	±(1.0%+3)	±(1.0%+3)
Current DC	10 A	1 mA		±(1.0%+3)	±(1.0%+3)
Current AC	10 A	0.01 A		±(1.5%+3)	±(1.5%+3)
Resistance	40 MΩ	0.1 Ω	±(0.9%+1)	±(0.9%+1)	±(0.9%+1)
Capacitance	10000 µF	1 nF	±(1.9%+2)	±(1.9%+2)	±(1.9%+2)
Frequency	50 kHz	0.01 Hz	±(0.1%+2)	±(0.1%+2)	±(0.1%+2)

Accuracies are best accuracies for each function

Battery Life : Alkaline, 300 hrs typical
Size (HxWxD) : 160 mm x 96 mm x 46 mm
Weight : 0.35 kg
Three Year Warranty

Accessories and Ordering Information

Included Accessories
Test leads, holster, installed 9V battery and users manual.

Ordering Information
Fluke 110 True RMS Multimeter
Fluke 111 True RMS Multimeter
Fluke 112 True RMS Multimeter

10341-ENG Rev. 02