

# Fluke 110 Series True-RMS Digital Multimeters



Fluke 116

Fluke 117



113 only

## Dependable Digital Multimeters for Electrical and HVAC applications

All the models in the Fluke 110 series are True-RMS Multimeters with a large 3-1/2 digit / 6000 count display. The Fluke 117 includes integrated VoltAlert™ non-contact voltage detection and LoZ ghost voltage detector features to get the job done faster. The Fluke 116 is the HVAC/R Multimeter with temperature, microamps, and LoZ to quickly troubleshoot problems with HVAC/R equipment. The Fluke 115 is a compact meter for a wide variety of electrical/electronic testing applications, while the Fluke 114, 113 and 110 are basic electrical troubleshooting meters designed for "go/no-go" testing.

- VoltAlert™ technology for integrated non-contact voltage detection (117)
- AutoVolt feature for automatic AC/DC voltage selection (117, 116, 114)
- Built in thermometer for HVAC applications (116)
- Microamps to test flame sensors (116)
- VCHEK™ LoZ low impedance measurement function to simultaneously test for voltage/continuity (113)
- LoZ: Low input impedance prevents false readings due to "ghost voltage" (117, 116, 114)
- Large display and white LED backlight to work in poorly lit areas more effectively
- Three-year warranty

Specifications	117	115	113	110
VoltAlert™ detector	•	–	–	–
AutoVolt/LoZ	•	–	Vchek	–
Analogue bargraph	•	•	•	•
True-RMS for accurate measurements on non-linear loads	•	•	•	•
Min/Max recording	•	•	•	•
Display hold	•	•	•	•
3-1/2 digits	•	•	•	•
6000 counts	•	•	•	•
CAT III 600 V safety rated	•	•	•	•

	116		114	
Temperature	•	–	•	–
Microamps	•	–	•	–
Frequency	•	–	•	–
Capacitance	•	–	•	–
Diode test	•	–	•	–
AutoVolt/LoZ	•	•	•	•
Analogue bargraph	•	•	•	•
True-RMS for accurate measurements on non-linear loads	•	•	•	•
Min/Max recording	•	•	•	•
Display hold	•	•	•	•
3-1/2 digits	•	•	•	•
6000 counts	•	•	•	•

Functions	117	116	115	114	113	110
AC/DC voltage	600 V	600 V	600 V	600 V	600 V	600 V
AC/DC current	10 A	600.0 µA	10 A	–	–	–
Resistance	40 MΩ	40 MΩ	40 MΩ	40 MΩ	60 kΩ	40 MΩ
Capacitance	9999 µF	9999 µF	9999 µF	–	9999 µF	–
Diode test	•	–	•	–	•	–
Frequency	5 Hz to 99.99 kHz	5 Hz to 99.99 kHz	5 Hz to 99.99 kHz	–	–	–
Temperature	–	+400° C	–	–	–	–
Safety rating	CAT III 600 V	CAT III 600 V	CAT III 600 V	CAT III 600 V	CAT IV 600 V	CAT III 600 V

### Recommended Accessories



### Recommended Kits Bundle & Save



### Included Accessories

TL75 Test Leads, holster, 80BK Integrated Temperature Probe (116), user's manual and 9 V battery (installed).

### Ordering Information

- FLUKE-110** Basic True RMS Digital Multimeter
- FLUKE-113** Utility True RMS Digital Multimeter
- FLUKE-114** Electrical True RMS Digital Multimeter
- FLUKE-115** True RMS Digital Multimeter
- FLUKE-116** HVAC Electrical True RMS Multimeter
- FLUKE-117** Adv. Electrical True RMS Multimeter
- FLUKE-116/323** HVAC and Clamp Meter Combo Kit
- FLUKE-116/62 MAX+** HVAC Multimeter and Infrared Thermometer Kit
- FLUKE-117/323** Electrical and Clamp Meter Combo Kit
- IB117K** 117 Multimeter + Insulated Hand Tools Starter Kit

