

Fluke 117 and 115 True-rms Digital Multimeters



Fluke 117

The Fluke 117 Digital Multimeter includes integrated non-contact voltage detection to help get the job done faster. The Fluke 115 Digital Multimeter is the solution for a wide variety of electrical and electronic testing applications.

- VoltAlert™ technology for integrated non-contact voltage detection (117)
- AutoVolt feature for automatic ac/dc voltage selection (117)
- LoZ: Low input impedance prevents false readings due to “ghost voltage” (117)
- Large display and white LED backlight to work in poorly lit areas more effectively
- Compact ergonomic design for one-handed operation
- Min/Max/Avg to record signal fluctuations
- Compatible with optional magnetic hanger (TPAK) for hands free operation
- Current measurement 20 A (30 seconds momentary; 10 A continuous)
- Resistance, continuity, frequency and capacitance



Fluke 115



Specialty model

Fluke 113

- Basic electrical and utility multimeter
- VCHEK™ LoZ low impedance measurement function to simultaneously test for voltage or continuity
- True-rms for accurate ac measurements on non-linear loads
- Record signal fluctuations using the Min/Max function
- Diode and capacitance measurements
- Integral holster with probe holders for easy storage
- Auto and manual ranging for added user functionality
- Meets CAT IV 600 V standards for a higher level of safety



Recommended accessories



TPAK
Magnetic Meter Hanger
See page 64



TL220
SureGrip Industrial Test Lead Set
See page 57



TL175
TwistGuard™ Test Leads
See page 59



C115
Soft Carrying Case
See page 56

Recommended kits



117/322 Electrician's Combo Kit

- True-rms digital multimeter with non-contact voltage detection
- Compact clamp meter
- Test lead set
- Magnetic meter hanging strap
- Deluxe carrying case with shoulder strap

Check price and availability at www.fluke.com/wtb

Features

| Features | 117 | 115 | 113 |
|--|-----|-----|-----|
| VoltAlert™ detector | • | — | — |
| AutoVolt/LoZ | • | — | LoZ |
| Analog bargraph | • | • | • |
| Large backlit digital display | • | • | • |
| 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 | • | • | • |
| Three-year warranty | • | • | • |

Specifications

| Functions | 117 | 115 | 113 | Accuracy |
|---------------|------------------|------------------|-------|-----------|
| Volts ac/dc | 600 V | 600 V | 600 V | 0.5 % + 2 |
| Current ac/dc | 10 A | 10 A | — | 1.0 % + 3 |
| Resistance | 40 MΩ | 40 MΩ | 60 kΩ | 0.9 % + 2 |
| Capacitance | 1 nF to 9,999 μF | 1 nF to 9,999 μF | — | 1.9 % + 2 |
| Diode test | Yes | Yes | Yes | — |
| Frequency | 5 Hz to 50 kHz | 5 Hz to 50 kHz | — | 0.1 % + 2 |

Ordering information

| Included accessories | Models |
|--|---|
| Test leads, holster, users manual and 9 V battery (installed). | FLUKE-117 Multimeter with Non-Contact Voltage |
| | FLUKE-115 Multimeter |
| | FLUKE-113 Utility Meter |
| | FLUKE-117/322 Electrician's Combo Kit |