

## FLUKE Multimeters

### FLUKE 110 Series

**FLUKE®**

The 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 backlight display with large, easy-to-read digits.

**117 Electrician's Multimeter with Non-Contact Voltage** for electricians working in commercial and noncommercial 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.

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

**115 Multimeter for field service testing** 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.

**114 Electrical Multimeter** 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 114, 115, 116, 117 - Common Features

	Maximum	Max. Resolution	Accuracy
DC Voltage	600 V	0,1 mV	± 0,5 % ± 2 dig.
AC Voltage	600 V	0,1 mV	± 1 % ± 2 dig.
DC Current (except 114,116)	10 A	1 mA	± 1 % ± 3 dig.
AC Current (except 114,116)	10 A	1 mA	± 1,5 % ± 3 dig.
Resistance	40 MΩ	0,1 Ω	± 0,9 % ± 1 dig.
Capacitance (except 114)	10 000 μF	1 nF	± 1,9 % ± 2 dig.
Frequency (except 114)	50 kHz	0,01 Hz	± 0,1 % ± 2 dig.

#### Technical Parameters

	FLUKE 114	FLUKE 115	FLUKE 116	FLUKE 117
Voltage measurement (DC/AC True-Rms)	yes	yes	yes	yes
Current measurement (DC/AC True-Rms)	no	yes	no	yes
Indicating Range	6000	6000	6000	6000
Backlight	yes	yes	yes	yes
Analog Bargraph	yes	yes	yes	yes
Automatic AC/DC voltage selection	yes	no	yes	yes
Non-Contact Voltage Detection	no	no	no	yes
Built-in Thermometer	no	no	yes	no
Min/Max/Average Value	yes	yes	yes	yes
Resistance, Continuity	yes	yes	yes	yes
Frequency, Capacity Diode Test	no	yes	yes	yes
Function HOLD	yes	yes	yes	yes
Power Supply	9V alkaline battery			
Dimensions	167 mm x 84 mm x 46 mm			
Weight	0,55 kg			
Measurement Cat.	CAT III, 600 V			

Part No.	Ord.No.	Description
S FLUKE 114	59532	Digital multimeter U,R,TRMS
O FLUKE 115	59536	Digital multimeter U,I,R,C,f, TRMS
O FLUKE 116	59537	Digital multimeter U,R,C,f,T, TRMS
S FLUKE 117	59538	Digital multimeter U,I,R,C,f,T,TRMS

### FLUKE 179 EGFID

**FLUKE®**

The new 170 Series is the most powerful and accurate handheld digital multimeter family in its category. Backed with a Fluke lifetime warranty, the meters feature an exclusive Fluke-designed True-rms engine, boast 0.09% accuracy and deliver 6,000 counts of resolution on a bright, backlit display.



	Maximum	Max. Resolution	Accuracy
DC Voltage	1000 V	0,1 mV	±(0,09%+2)
AC Voltage	1000 V	0,1 mV	±(1,0%+3)
DC Current	10 A	0,01 mA	±(1,0%+3)
AC current	10 A	0,01 mA	±(1,5%+3)
Resistance	50 MΩ	0,1 Ω	±(0,9%+1)
Capacitance	10000 μF	1 nF	±(1,2%+2)
Frequency	100 kHz	0,01 Hz	±(0,1%+1)

#### Technical Parameters

	FLUKE 179 EGFID
Measuring TRUE-RMS	yes AC
Indicating Range	6000
Backlight	yes
Analog Bargraph	yes
Automatic Range Selection	yes
Temperature Measurement	yes
Min/Max/Average Value	yes
Resistance, Continuity	yes
Frequency, Capacity, Diode Test	yes
Function HOLD	yes
Power Supply	9V alkaline battery
Dimensions	185 mm x 90 mm x 43 mm
Weight	0,420 kg
Measurement Category	CAT III, 1000 V

Part No.	Ord.No.	Description
S FLUKE 179 EGFID	9371	Multimeter dig.U,I,R,C,f,T, D,TRMS

We also provide a wide range of FLUKE accessories

