

FLUKE®

Optimized for your type of work

4 NEW multimeters with exactly the functions you need



Fluke. Keeping your world up and running.™

Fluke Corporation
P.O. Box 9090
Everett, WA USA 98206

Fluke Europe B.V.
P.O. Box 1186
5602 BD Eindhoven
The Netherlands

For more information call:
In the U.S.A. (800) 443-5853
or Fax (425) 446-5116
In Europe/M-East/Africa
+31 (0)40 2 675 200
or Fax +31 (0)40 2 675 222
In Canada (905) 890-7600
or Fax (905) 890-6866
From other countries +1 (425) 446-5500
or Fax +1 (425) 446-5116

Visit us on the worldwide web at:
www.fluke.eu

Fluke (UK) Ltd.
52 Hurricane Way
Norwich
Norfolk
NR6 6JB
United Kingdom
Tel.: (020) 7942 0700
Fax: (020) 7942 0701
E-mail: industrial@uk.fluke.nl

Visit us on the worldwide web at:
www.fluke.co.uk

© Copyright 2006, Fluke Corporation. All rights reserved.
Printed in the Netherlands 09/06
Data subject to alteration without notice.

Pub_ID: 11160-eng Rev. 01

110 Series Digital Multimeters

New



Fluke 117



Fluke 115



Fluke 114



Fluke 116

Compact design for ergonomic one-handed operation

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 backlit display with large, easy-to-read digits.

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.

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.

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.

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.

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



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

Recommended Accessories



C50



TL223



MC6



TPAK

Fluke C25 Large Soft Case for DMMs



Features and Specification:

- Dimensions (HxWxD)
218 mm x 128 mm x 64mm
8.6 in x 5 in x 2.52 in

Product Description:

Get the right case for your Fluke tools. The C25 carrying case is a durable, zippered carrying case with padding and inside pocket, and high quality polyester exterior. It includes a convenient hand strap and carries most of Fluke's popular digital multimeters. It is available with a 1 year warranty.

Compatible with:

Model Name	Description
Fluke 1503	Insulation Resistance Tester
Fluke 1507	Insulation Resistance Tester
Fluke 1577	Insulation Multimeter
Fluke 1587	Insulation Multimeter
Fluke 175	True-rms Digital Multimeter
Fluke 177	True-rms Digital Multimeter
Fluke 179	True-rms Digital Multimeter
Fluke 179/TPAK	Multimeter and ToolPak™ Combo Kit
Fluke 705	Loop Calibrator

Fluke 707	Loop Calibrator
Fluke 707Ex	Intrinsically Safe Loop Calibrator
Fluke 707Ex	Intrinsically Safe Loop Calibrator
Fluke 709	Precision Loop Calibrator
Fluke 709H	Precision Loop Calibrator with HART Communications/Diagnostics
Fluke 709H	Precision Loop Calibrator with HART Communications/Diagnostics
Fluke 709H	Precision Loop Calibrator with HART Communications/Diagnostics
Fluke 709H	Precision Loop Calibrator with HART Communications/Diagnostics
Fluke 714	Fluke 714 Thermocouple Calibrator
Fluke 715	Fluke 715 Volt/mA Calibrator
Fluke 717 10,000G	Pressure Calibrator
Fluke 717 10,000G	Pressure Calibrator
Fluke 717 1000G	Pressure Calibrator 0 to 1000 PSI, (0 mbar to 69 bar, 0 to 6894.8 kPa)
Fluke 717 100G	Pressure Calibrator -12 to 100 PSI, (-850 mbar to 7 bar, -85 to 689.48 kPa)
Fluke 717 1500G	Pressure Calibrator 0 to 1500 PSI, (0 bar to 103.4 bar, 0 to 10342 kPa)
Fluke 717 15G	Pressure Calibrator -12 to 15 psi (-850 mbar to 1 bar, -85 to 103 kPa)
Fluke 717 1G	Pressure Calibrator
Fluke 717 3000G	Pressure Calibrator 0 to 3000 PSI, (0 bar to 207 bar, 0 to 20684 kPa)
Fluke 717 300G	Pressure Calibrator -12 to 300 PSI, (-850 mbar to 20 bar, -85 to 2068.4 kPa)
Fluke 717 30G	Pressure Calibrator -12 to 30 psi (-850 mbar to 2 bar, -85 to 207 kPa)

Fluke 717 5000G	Pressure Calibrator 0 to 5000 PSI, (0 bar to 345 bar, 0 to 34474 kPa)
Fluke 717 500G	Fluke 717 500G Pressure Calibrator 0 to 500 PSI, (0 mbar to 34.7 bar, 0 to 3447.4 kPa)
Fluke 725	Multifunction Process Calibrator
Fluke 726	Precision Multifunction Process Calibrator
Fluke 726	Precision Multifunction Process Calibrator
Fluke 77 IV	Digital Multimeter
Fluke 77 IV	Digital Multimeter
Fluke 787	Fluke 787 ProcessMeter™
Fluke 789	ProcessMeter™ with 250 Ohm HART resistor
Fluke 83V	Average Responding Industrial Multimeter
Fluke 87V	Digital Multimeter
Fluke 88V/A Kit	Automotive Multimeter Combo Kit

Contact Information:

www.Farnell.co.uk

www.Fluke.com

TPAK ToolPak, Meter Hanging Kit



Overview

Models and Accessories

More Info

The meter hanging solution

- Kit includes: 9 inch hook and loop strap, universal hanger clip, hook hanger for non magnetic surfaces and a strong magnet.
- Solves almost any hanging and positioning problem you may face.
- The universal hanger allows you to hang your meter on nails, hooks and many other objects.
- Compatible with many Fluke instruments.
- One year warranty.