

**FLUKE®**

## The NEW Fluke 233 Remote Display Multimeter

*Imagine the  
possibilities.*

**New**



The first Fluke digital  
multimeter with detachable  
display is here.

And here...



### **Be in two places at once with the Fluke 233 Digital Multimeter**

The NEW Fluke 233 wireless remote display digital multimeter with removable magnetic display allows you to be 30 feet away from the measurement point. For more information about the revolutionary new Fluke 233 Remote Display Digital Multimeter and to see how it makes automotive testing faster, safer and easier, go to [www.fluke.com/233](http://www.fluke.com/233) or call **1-800-44-Fluke**.

## The NEW Fluke 233 Remote Display Digital Multimeter allows you to be in two places at once.

- Find a comfortable position to view and record test data, even when the measurement points are located in hard-to-reach places
- With test leads attached to the measurement points on the perimeter of the vehicle, view the display while sitting in the driver's seat
- Safely view underhood measurements on moving vehicles
- Separate the tasks of positioning the meter and reading test results, devoting full attention to each job—and working more safely
- Safety rated for use in CAT III 1000 V, CAT IV 600 V working environments; run tests and read results at a safe distance from high-voltage, high-current systems such as hybrid vehicles
- True-rms ac voltage and current for accurate measurements
- Low power wireless technology is resistant to electromagnetic interference from ignition systems and other EMI sources, and will not interfere with other nearby electronic devices
- Use as a conventional multimeter when the display is connected

### Features

- Measure up to 1000 V ac and dc
- Measure up to 10 A (20 A for 30 seconds)
- 10,000  $\mu$ F capacitance range
- Frequency to 50 kHz
- Min/Max and Average recording to capture variations automatically
- Built-in thermometer conveniently allows you to take temperature readings without having to carry a separate instrument
- Resistance, continuity and diode test
- Easy to read display with large digits and bright backlight
- Radio transmitter automatically turns off when the display is connected to the meter
- Auto power off maximizes battery life; approximately 400 hours

### Accuracy specifications

<b>DC voltage</b>	Range	0.1 mV to 1000 V
	Accuracy	0.25 % + 2
<b>AC voltage</b>	Range	0.1 mV to 1000 V
	Accuracy	1.0 % + 3
<b>DC current</b>	Range	1.0 mA to 10 A
	Accuracy	1.0 % + 3
<b>AC current</b>	Range	1.0 mA to 10 A
	Accuracy	1.5 % + 3
<b>Resistance</b>	Range	0.1 $\Omega$ to 40 M $\Omega$
<b>Counts</b>	6000	
<b>Capacitance</b>	1000 nF to 9999 $\mu$ F	
<b>Frequency</b>	0.1 Hz to 50.00 kHz	
<b>Temperature</b>	-40 °C to +400 °C	

### General specifications

<b>Basic features</b>	
Safety rating	CAT IV 600 V , CAT III 1000 V
AC true-rms	Yes
Ranging	Auto/Manual
<b>Display</b>	
Removable display	Yes
Backlight	Yes
<b>Data storage</b>	
Min/Max/Avg	Yes
<b>Other features</b>	
Power	AA alkaline batteries: Three for main body; two for display
Battery life	400 hours
Wireless frequency	2.4 GHz ISM Band 10 meter range
<b>Warranty and protection</b>	
External protection	Rubber overmold
Warranty	Three years
Size (HxWxL)	5.3 cm x 5.3 cm x 19.3 cm (2.08 in x 2.08 in x 7.6 in)
Weight	604 g (1.3 lb)



### Ordering information

**Fluke 233** Wireless Remote Display Digital Multimeter

Includes: Test leads, alligator clips, 80BK-A temperature probe, manual, CD-ROM, and AA batteries