

## New! Fluke 233 Remote Display Multimeter

### Technical Data



The **NEW** Fluke 233 True-rms Remote Display Digital Multimeter allows you to be in two places at once.

- Removable display gives the user ultimate flexibility in unusual measurement scenarios
- Place the display where you can see it and then put the meter where it is convenient for you—no more juggling of leads and the meter while stretching into a tight spot
- Removes the dilemma of trying to take measurements in hard-to-reach places, or making measurements in machines or panels that are physically separated from a limit or isolator switch
- Can be used in areas where the operator can't be close to the active measurement point, like clean rooms or hazardous areas



- True-rms ac voltage and current for accurate measurements on non-linear signals
- 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
- Built in thermometer conveniently allows you to take temperature readings without having to carry a separate instrument
- Resistance, continuity and diode test

#### Features

- Low power wireless technology allows the display to be carried up to 10 meters (33 ft) away from the point of measurement for added flexibility. No interference with measurements

- The removable magnetic display can be conveniently mounted where it is easily seen
- Make measurements without holding the meter to improve visual focus on probes and augment safe electrical measurements
- Use as a conventional multimeter when the display is connected
- Radio transmitter automatically turns off when the display is connected to the meter
- Auto power off maximizes battery life
- Min/Max and Average recording to capture variations automatically
- Test continuity and diodes
- Easy to read display with large digits and bright backlight
- Battery life approximately 400 hours



## Accuracy specifications

|                    |          |  |
|--------------------|----------|--|
| DC voltage         | Range    | 0.1 mV to 1000 V                                   |
|                    | Accuracy | 0.25 % + 2   |
| AC voltage         | Range    | 0.1 mV to 1000 V                                   |
|                    | Accuracy | 1.0 % + 3  |
| DC current         | Range    | 0.1 mA to 10 A                                     |
|                    | Accuracy | 1.0 % + 3  |
| AC current         | Range    | 0.1 mA to 10 A                                     |
|                    | Accuracy | 1.5 % + 3  |
| Resistance         | Range    | 0.1 Ω to 40 MΩ                                     |
| Counts             |          | 6000   |
| Capacitance        |          | 1000 nF to 9999 μF                                 |
| Frequency          |          | 0.1 Hz to 50.00 kHz                                |
| Temperature        |          | -40 °C to +400 °C                                  |
| Power              |          | AA batteries: Three for main body; two for display |
| Battery life       |          | 400 hours  |
| Wireless frequency |          | 2.4 GHz ISM Band 10 meter range                    |
| Safety rating      |          | CAT IV 600 V , CAT III 1000 V                      |

## General specifications

| Basic features          |  |
|-------------------------|--|
| AC true-rms             | Yes  |
| Ranging                 | Auto/Manual  |
| Display                 |  |
| Backlight               | Yes  |
| Data storage            |  |
| Min/Max/Avg             | Yes  |
| Other features          |  |
| Battery type            | AA alkaline  |
| Removable display       | Yes  |
| Warranty and protection |  |
| Safety rating           | CAT IV 600 V/CAT III 1000 V                            |
| External protection     | Rubber overmold  |
| Warranty                | Three-years  |
| Size (H x W x L)        | 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:

### 233 Remote Display Multimeter

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

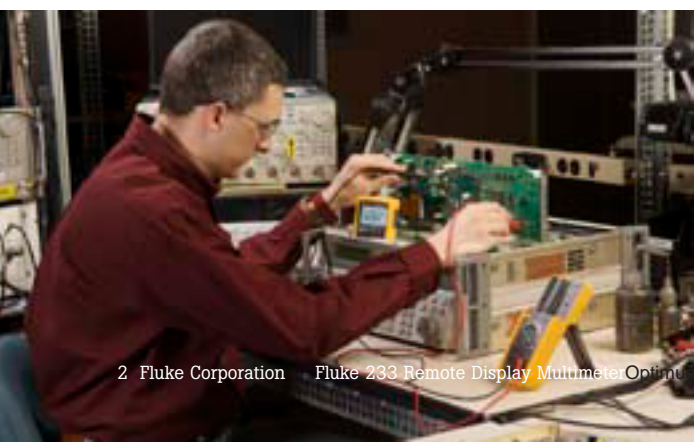
### Optional accessories

TPak Magnetic Hanging Kit  
 i410 AC/DC Current Clamp  
 80PK-9 General Purpose Probe (Type K)  
 80AK-A Thermocouple Adapter  
 C35 Soft Carry Case



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