

Fluke 233 Remote Display Multimeter

Technical Data



The **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 μ 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) |

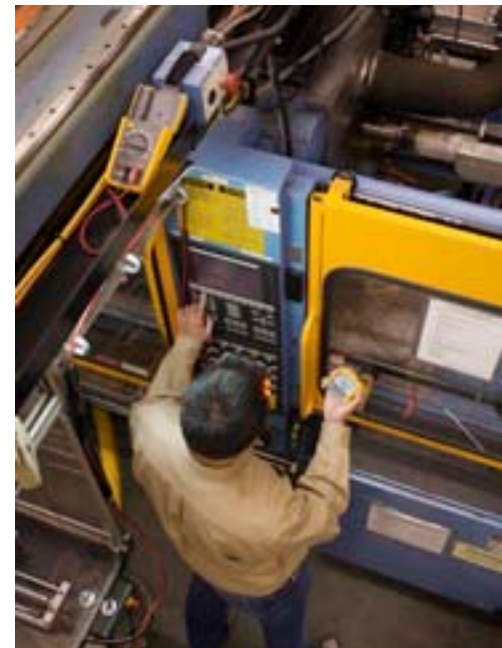
Ordering information:

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



Fluke. Keeping your world up and running.®

