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

Features

- 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 µF 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
- 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
**Fluke Corporation**

**Fluke 233 Remote Display Multimeter**

**Fluke Corporation**
PO Box 9090, Everett, WA 98206 U.S.A.

**Fluke Europe B.V.**
PO Box 1186, 5602 BD Eindhoven, The Netherlands

For more information call:
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**Accuracy specifications**

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

**General specifications**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Basic features</strong></td>
<td></td>
</tr>
<tr>
<td>AC true-rms</td>
<td>Yes</td>
</tr>
<tr>
<td>Ranging</td>
<td>Auto/Manual</td>
</tr>
<tr>
<td><strong>Display</strong></td>
<td></td>
</tr>
<tr>
<td>Backlight</td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Data storage</strong></td>
<td></td>
</tr>
<tr>
<td>Min/Max/Avg</td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Other features</strong></td>
<td></td>
</tr>
<tr>
<td>Battery type</td>
<td>AA alkaline</td>
</tr>
<tr>
<td>Removable display</td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Warranty and protection</strong></td>
<td></td>
</tr>
<tr>
<td>Safety rating</td>
<td>CAT IV 600 V/CAT III 1000 V</td>
</tr>
<tr>
<td>External protection</td>
<td>Rubber overmold</td>
</tr>
<tr>
<td>Warranty</td>
<td>Three-years</td>
</tr>
<tr>
<td>Size (H x W x L)</td>
<td>5.3 cm x 5.3 cm x 19.3 cm (2.08 in x 2.08 in x 7.6 in)</td>
</tr>
<tr>
<td>Weight</td>
<td>604 g (1.3 lb)</td>
</tr>
</tbody>
</table>

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**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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