The Fluke 1520 MegOhmMeter is a handy insulation resistance tester that also measures voltage and checks connections with its Lo-Ohms function.

- Large, backlit LCD with analog bar graph and digital display
- Three output voltages for insulation resistance testing: 250V, 500V, 1000V
- Insulation resistance testing up to 4000 MΩ; switches automatically to voltage measurement when voltage is greater than 30V ac or 30V dc.
- AC/DC voltage measurement up to 600V
- Lo-Ohms function for testing connections
- Last reading memory display
- 4 C-cell batteries for up to 5,000 tests per EN61557-2, with battery-life indicator and auto shut-off.
- Autodischarge of capacitive voltage charges
- Heavy duty test leads, alligator clips and test probes
- Rugged, splash-proof case with impact-absorbing holster
- 3 year warranty

### Specifications

<table>
<thead>
<tr>
<th>Function</th>
<th>Range</th>
<th>Accuracy</th>
<th>Resolution</th>
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<tbody>
<tr>
<td><strong>Insulation Resistance</strong></td>
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<tr>
<td>Auto ranges</td>
<td>4.000 MΩ, 40.00 MΩ, 400.0 MΩ, 4000 MΩ</td>
<td>To 100 MΩ: 2% + 2 counts, Over 100 MΩ: 10% + 2 counts + 1%/G MΩ</td>
<td>0.001 MΩ to 10 MΩ</td>
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<td>1 mA</td>
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<td>≥ 30V ac or dc</td>
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<td><strong>Lo-Ohms</strong></td>
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<td>0 to 40.00Ω</td>
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<td>Analog bar graph</td>
<td>0 to 100Ω</td>
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</tr>
<tr>
<td>Audible/visible voltage warning</td>
<td>≥ 30V ac or dc</td>
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<tr>
<td><strong>Resistance</strong></td>
<td>4 kΩ</td>
<td>2% + 2 counts</td>
<td>1Ω</td>
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<tr>
<td>Voltage</td>
<td>0 to 600V ac (50/60 Hz)</td>
<td>2% + 2 counts</td>
<td>1V</td>
</tr>
</tbody>
</table>
**Safety Specifications**

**Electrical safety**
Meets IEC 1010-1 and EN 61557

**Protection class**
Pollution degree II

**Overvoltage category**
IEC 1010-1 CAT III 600V

**Agency Approvals**
UL, CSA, VDE (pending)

**Environmental Specifications**

**Operating Temperature**
-10°C to +50°C

**Storage Temperature**
-40°C to +70°C

**Humidity**
(Without Condensation)
75% RH (40°C)

**Dust/water resistance**
IP42 per IEC 529

**Operating Altitude**
2,500 meters

**Mechanical & General Specifications**

**Battery Check Function**
Indicates remaining percent of charge

**Size**
241 x 108 x 72mm
(9.5 x 4.25 x 2.85 inches)

**Weight**
1.1 kg (2.5 lbs)

**Batteries**
4 C size 1.5V alkaline

**Warranty**
3 years

**Ordering Information**

Fluke 1520 MegOhmMeter

**Included Accessories**
- Fluke 1520 MegOhmMeter
- TL27 Heavy Duty Test Leads (1 Red and 1 Black)
- TP74 Lantern Tip Test Probes (1 Red and 1 Black)
- AC36 Large Jaw Alligator Clips (1 Red and 1 Black)
- Protective holster with hand strap
- Carrying case with accessory storage
- Four C-cell alkaline batteries, installed
- Instruction manual
- Instruction manual on CD-ROM

**Optional Accessories**
- SH 100 Shoulder Strap
- TPAK Strap and Magnet for hanging the Fluke 1520

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**Fluke. Keeping your world up and running.**

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