Fluke 1520
MegOhmMeter

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>
</tr>
</thead>
<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>0.001MΩ to 10 MΩ</td>
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<tr>
<td>Test voltages</td>
<td>250V, 500V, 1000V</td>
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<td></td>
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<tr>
<td>Max measurement current</td>
<td>1 mA</td>
<td></td>
<td></td>
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<tr>
<td>Audible/visible voltage warning</td>
<td>≥ 30V ac or dc</td>
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<tr>
<td><strong>Lo-Ohms</strong></td>
<td></td>
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<td></td>
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<tr>
<td>Resistance</td>
<td>0 to 40.00Ω</td>
<td>2% + 2 counts</td>
<td>0.01Ω</td>
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<tr>
<td>Analog bar graph</td>
<td>0 to 1000Ω</td>
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<tr>
<td>Audible/visible voltage warning</td>
<td>≥ 30V ac or dc</td>
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<tr>
<td><strong>Resistance</strong></td>
<td></td>
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</tr>
<tr>
<td>Resistance</td>
<td>4 kΩ</td>
<td>2% + 2 counts</td>
<td>1Ω</td>
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<tr>
<td>Analog bar graph</td>
<td>0 to 10kΩ</td>
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<tr>
<td><strong>Voltage</strong></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>
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<tr>
<td></td>
<td>0 to 600V dc</td>
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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)
• AC86 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

Optional TPAK Meter Strap and Magnet Hanging Kit

Optional SH 100 Shoulder Strap