

# 1520 MegOhmMeter

New

Insulation testing you can depend on



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: 250 V, 500 V, 1000 V
- Insulation resistance testing up to 4000 MΩ; switches automatically to voltage measurement when voltage is greater than 30 V ac or 30 V dc.
- ac/dc voltage measurement up to 600 V
- 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
- Rugged, splash-proof case with impact absorbing holster.

**Safety conformance**

All inputs are protected to IEN61010-1 CAT III 600 V and the 1520 is compliant to EN 61557

## Specifications

Function	Range	Accuracy	Resolution
<b>Insulation Resistance</b>			
Auto ranges	4.000 MΩ, 40.00 MΩ, 400.0 MΩ, 4000 MΩ	To 100 MΩ: 2% + 2 counts over 100 MΩ: 10% + 2 counts + 1%/GΩ	0.001 MΩ to 10 MΩ
Test voltages	250 V, 500 V, 1000 V	+ 20%, - 0%	
Max. measurement current	1 mA		
Audible/visible voltage warning	≥30 V ac or dc		
<b>Lo-Ohms</b>			
Resistance	0 to 40.00 Ω	2% + 2 counts	0.01 Ω
Analog bar graph	0 to 100 Ω		
Audible/visible voltage warning	≥30 V ac or dc		
<b>Resistance</b>			
Resistance	4 kΩ	2% + 2 counts	1 Ω
Analog bar graph	0 to 10 kΩ		
<b>Voltage</b>			
Voltage	0 to 600 V ac (50/60 Hz)	2% + 2 counts	1 V

**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

**Batteries:**

4 C size 1.5 V alkaline

**Size:**

241 x 108 x 72 mm

**Weight:** 1.1 kg

**Warranty:** 3 years



## Accessories and Ordering Information

**Included Accessories**

TL27 heavy duty test leads, TP74 lantern tip test probes, AC86 large jaw alligator clips, protective holster with hand strap, carrying case, instruction manual

**Optional Accessories**

SH100 shoulder strap, TPAK strap and magnet

**Ordering Information**

FLUKE 1520 MegOhmMeter

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