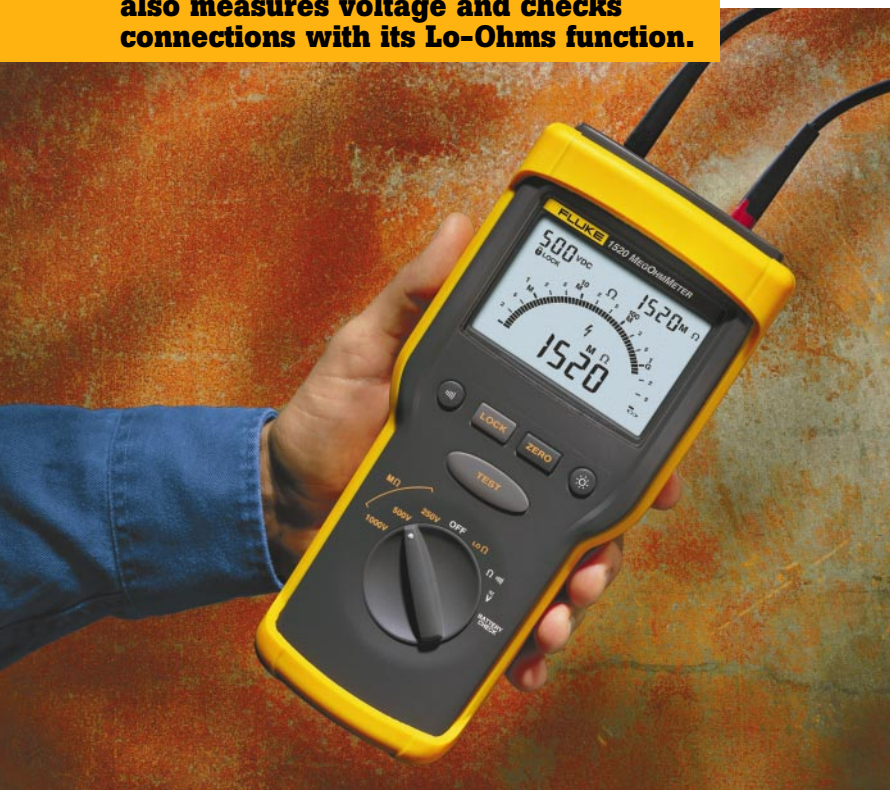


# Fluke 1520 MegOhmMeter

## Technical Data

**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

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	250V, 500V, 1000V	+20%, -0%	
Max measurement current	1 mA		
Audible/visible voltage warning	≥ 30V ac or dc		
<b>Lo-Ohms</b>			
Resistance	0 to 40.00Ω	2% + 2 counts	0.01Ω
Analog bar graph	0 to 100Ω		
Audible/visible voltage warning	≥ 30V ac or dc		
<b>Resistance</b>			
Resistance	4 k Ω	2% + 2 counts	1Ω
Analog bar graph	0 to 10kΩ		
<b>Voltage</b>			
Voltage	0 to 600V ac (50/60 Hz)	2% + 2 counts	1V

## 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

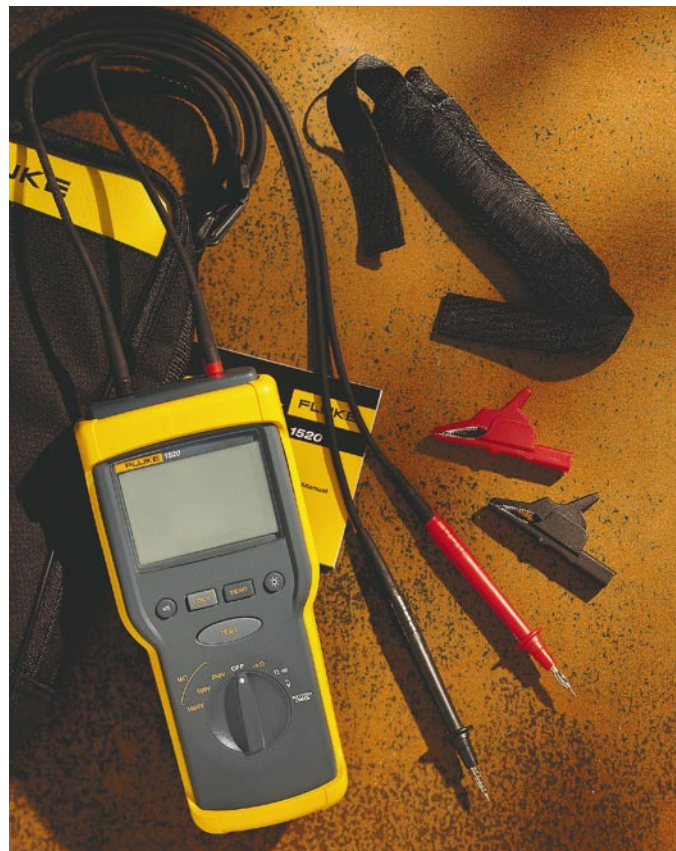
Fluke 1520 MegOhmMeter

## 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*

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

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