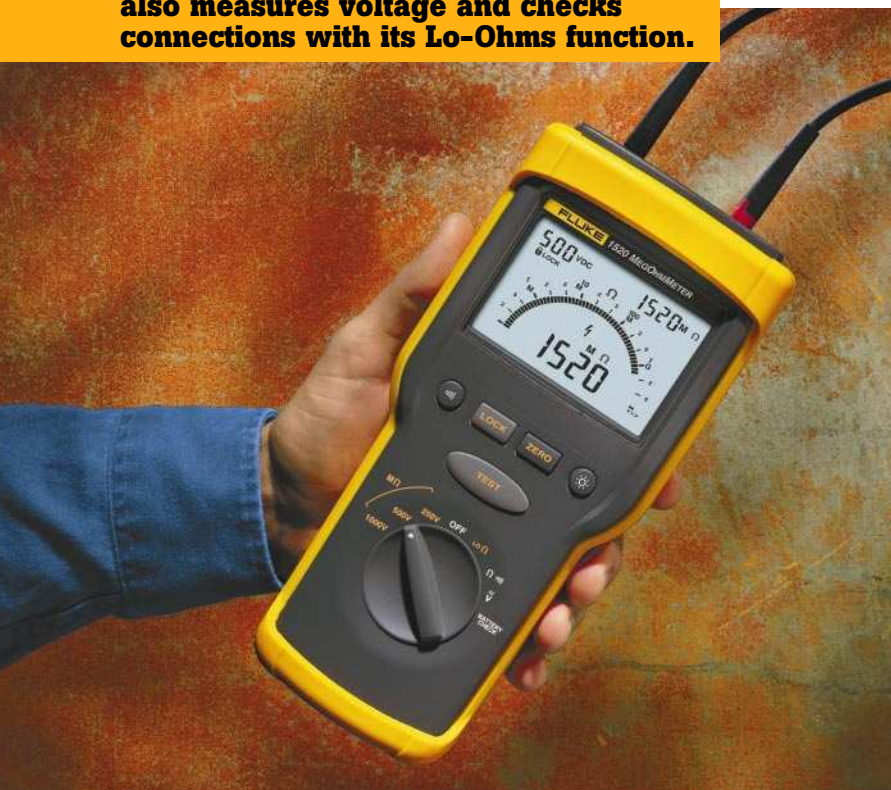


## Fluke 1520 MegOhmMeter

### 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<br>Over 100 MΩ: 10% + 2 counts + 1%/GΩ | 0.001MΩ 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**

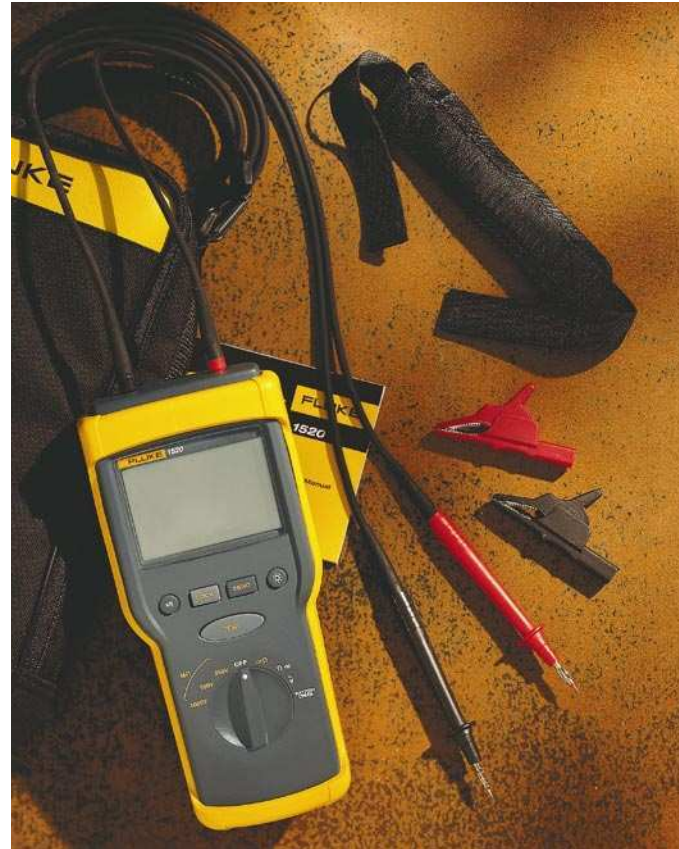
Fluke 1520 MegOhmMeter

**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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