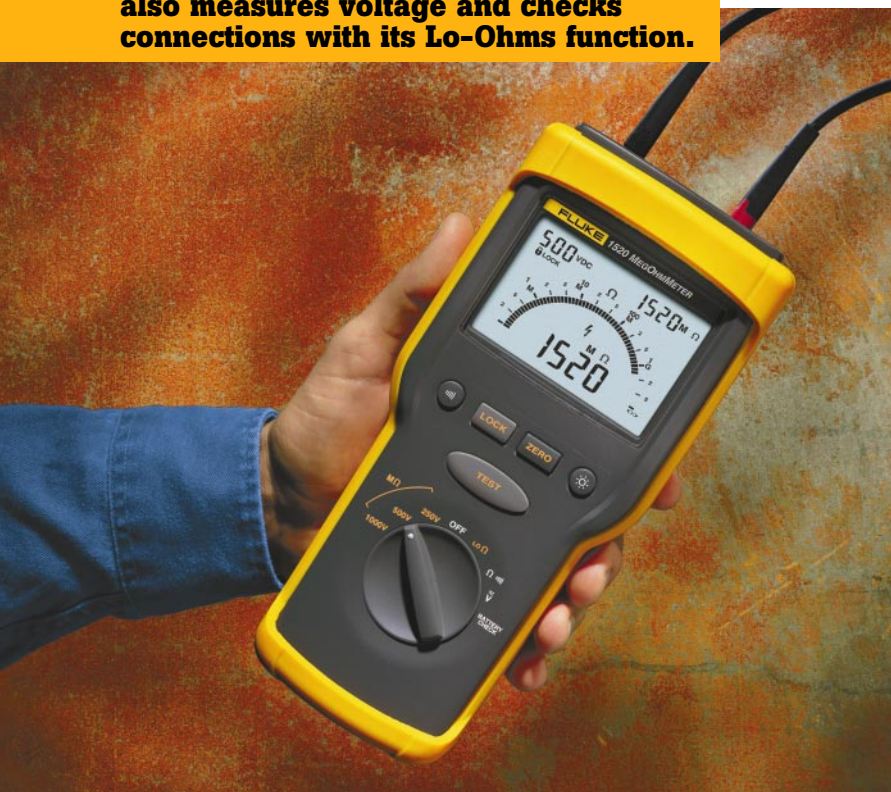


Fluke 1520 MegOhmMeter

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
Insulation Resistance			
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	0.001MΩ to 10 MΩ
Test voltages	250V, 500V, 1000V	+20%, -0%	
Max measurement current	1 mA		
Audible/visible voltage warning	≥ 30V ac or dc		
Lo-Ohms			
Resistance	0 to 40.00Ω	2% + 2 counts	0.01Ω
Analog bar graph	0 to 100Ω		
Audible/visible voltage warning	≥ 30V ac or dc		
Resistance			
Resistance	4 k Ω	2% + 2 counts	1Ω
Analog bar graph	0 to 10kΩ		
Voltage			
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

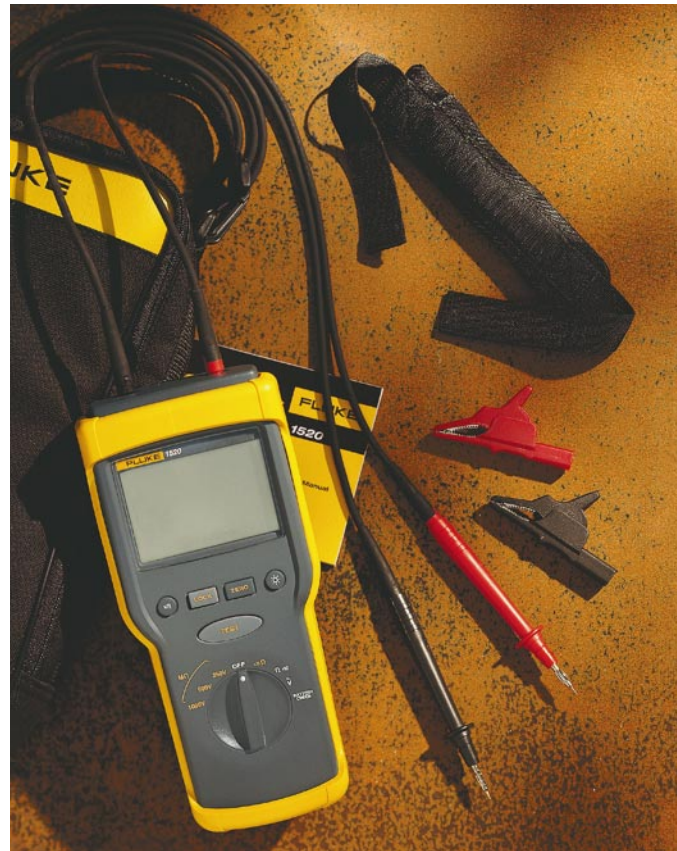
Fluke 1520 MegOhmMeter

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.

Fluke Corporation

PO Box 9090, Everett, WA USA 98206

Fluke Europe B.V.

PO Box 1186, 5602 BD Eindhoven, The Netherlands

For more information call:

In the U.S.A. (800) 443-5853 or

Fax (425) 356-5116

In Europe/M-East/Africa (31 40) 2 678 200 or

Fax (31 40) 2 678 222

In Canada (800)-36-FLUKE or

Fax (905) 890-6866

From other countries (425) 356-5500 or

Fax (425) 356-5116

Web access: <http://www.fluke.com/>

©2000 Fluke Corporation. All rights reserved.
Trademarks are the property of their respective owners.
Printed in U.S.A. 6/2000 1273840 D-ENG-N Rev A
Printed on recycled paper.