

Fluke 1520 MegOhmMeter



- 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 M Ohms; 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
- Rugged, splash-proof case with impact absorbing holster.

Specifications	
Auto ranges	Accuracy: To 100 MΩ Resolution: 0.001MΩ to 10 MΩ Range: 4.000 MΩ, 40.00 MΩ, 400.0 MΩ, 4000 MΩ
Test voltages	Accuracy: +20%, -0% Range: 250V, 500V, 1000V
Max measurement current	1 mA
Audible/visible voltage warning	>= 30V ac or dc
Lo-Ohms Resistance	Accuracy: 2% + 2 counts Resolution: 0.01Ω Range: 0 to 40.00Ω
Lo-Ohms Analog bar graph	0 to 100Ω
Lo-Ohms Audible/visible voltage warning	>= 30V ac or dc
Resistance	Accuracy: 2% + 2 counts Resolution: 1Ω Range: 4 kΩ
Analog bar graph	0 to 10 kΩ
Voltage	Range: 0 to 600V ac (50/60 Hz), 0 to 600V dc Accuracy: 2% + 2 counts Resolution: 1V
Environmental Specifications	
Operating temperature	-10°C to +50°C (+14°F to +122°F)
Storage temperature	-40°C to +70°C (-40°F to +158°F)
Humidity (Without Condensation)	75% RH (40°C) or (104°F)
Dust/water resistance	IP42 per IEC 529
Operating Altitude	2,500 m max (8125 ft max)
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, TÜV (pending)
Mechanical & General Specifications	
Battery check function	Indicates remaining percent of charge
Size	241mm x 108mm x 72 mm (9.5" x 4.25" x 2")
Weight	1.1 kg (2.5 lbs)
Batteries	4 C size 1.5V alkaline
Warranty	3 years