

# Fluke 1507/1503 Insulation Resistance Testers



Fluke 1507

These lightweight, affordable insulation testers are perfect for troubleshooting, commissioning and preventive maintenance applications.

## Features

- Automatic calculation of polarization index and dielectric absorption ratio (1507 only)
- Multiple test voltages: 50 V, 100 V, 250 V, 500 V, 1000 V (1507 only)
- Remote test probe for rapid testing
- Insulation test range 0.01 MΩ to 10 GΩ (1507), 0.1 MΩ to 2000 MΩ (1503)
- Compare (Pass/Fail) function for repetitive tests (1507 only)
- Live circuit detection prevents insulation test if voltage > 30 V is detected
- Auto-discharge of capacitive voltage
- AC/DC voltage: 0.1 V to 600 V
- Lo ohms/Earth-bond continuity (200 mA) for checking connections and motor windings
- Resistance: 0.01 Ω to 20.00 Ω
- One-year warranty



Fluke 1503



## Recommended accessories



**TPAK**  
Magnetic Meter Hanger  
See page 64



**TL27**  
Heavy Duty Test Lead Set



**C116**  
Soft Carrying Case  
See page 56



**C101**  
Hard Case  
See page 56



**360**  
AC Leakage Current  
Clamp Meter  
See page 6

## Selection guide

Features	1555	1550C	1507	1503	1587	1577
Insulation test voltages 50 V, 100 V, 250 V, 500 V, 1000 V	–	–	•	–	•	–
Insulation test voltages 500 V, 1000 V	–	–	–	•	–	•
Insulation test voltages: User selectable 250 V to 5000 V	–	•	–	–	–	–
Insulation test voltages: User selectable 250 V to 10,000 V	•	–	–	–	–	–
Insulation resistance	2 TΩ	1 TΩ	0.01 MΩ to 10 GΩ	0.1 MΩ to 2 GΩ	0.01 MΩ to 2.0 GΩ	0.1 MΩ to 600 MΩ
Auto-discharge of capacitive voltage	•	•	•	•	•	•
Insulation test smoothing reading	–	–	–	–	•	–
Frequency	–	–	–	–	•	–
Capacitance	•	•	–	–	•	–
Diode test	–	–	–	–	•	–
Temperature	–	–	–	–	•	–
Min/Max	–	–	–	–	•	–
Low-pass filter (for work on VSDs)	–	–	–	–	•	–
AC/DC voltage	–	–	–	–	•	•
DC millivolts	–	–	–	–	•	•
AC/DC milliamps	–	–	–	–	•	•
Resistance	–	–	0.1 Ω to 20.00 KΩ	0.1 Ω to 20.00 KΩ	0.1 Ω to 50 MΩ	0.1 Ω to 50 MΩ
Continuity	–	–	–	–	•	•
Warranty (years)	3	3	1	1	3	3
Remote probe, test leads, alligator clips	•	•	•	•	•	•
Type K thermocouple	–	–	–	–	•	–
Rugged, utility hard case	•	•	•	•	•	•
Auto power off	•	•	•	•	•	•
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## Ordering information

Included accessories	Models	
Remote probe, silicone test leads, test probes, large alligator clips, holster, users manual.	FLUKE-1507	Insulation Tester
	FLUKE-1503	Insulation Tester
Soft carrying pouch, users manual.	FLUKE-360	AC Leakage Current Clamp Meter

Check price and availability at [www.fluke.com/wtb](http://www.fluke.com/wtb)