

Fluke 1507 and 1503 Insulation Resistance Testers

The quality, durability, and convenience you need

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

- 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 2 GΩ (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 kΩ

Specifications

	1507	1503
Insulation test voltages 50 V, 100 V, 250 V, 500 V, 1000 V	•	•
Insulation test voltages 500 V, 1000 V	•	•
Insulation resistance	0.01 MΩ to 10 GΩ	0.1 MΩ to 2 GΩ
Auto-discharge of capacitive voltage	•	•
Continuity function	200 mA acc. EN 61557-4	
Resistance	0.1 Ω to 20.00 kΩ	0.1 Ω to 20.00 kΩ
Auto power off	•	•
Warranty (years)	1	1

Ordering information

Models	Included accessories
FLUKE-1507 Insulation Tester	Remote probe, silicone test leads, test probes, large alligator clips, holster, users manual
FLUKE-1503 Insulation Tester	Remote probe, silicone test leads, test probes, large alligator clips, holster, users manual



Magnetic Meter Hanger frees up both hands to focus on making measurements safely.

Check connections and motor windings with Lo ohms/earth-bond continuity test.



Recommended accessories

<p>TLK289 Industrial Master Test Lead Set</p>	<p>TL27 Heavy Duty Test Lead Set</p>	<p>C116 Soft Carrying Case</p>	<p>C101 Hard Case</p>
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Fluke cases and holsters

A premium meter deserves a premium case

Hard cases

CXT Series Extreme Cases

- Models CXT80, CXT170, and CXT280 for various meter compatibility
- Unbreakable, watertight, airtight, chemical resistant and corrosion proof



C101 Hard Case

- Dimensions (HxWxD): 30.5 x 36 x 10.5 cm (12 x 14.2 x 4.1 in)



C100 Universal Carrying Case

- Dimensions (HxWxD): 39.7 x 34.6 x 12.2 cm (15.7 x 13.6 x 4.8 in)



C1600 Gear Box

- Includes five hook and loop straps to wrap cords and test leads
- Dimensions (HxWxD): 26 x 39 x 20 cm (10 x 15 x 7.8 in)



CXT1000

Extreme Hard Case - New

- Rugged hard case that allows you to configure the diced foam interior and offers maximum protection
- Waterproof to a depth of 3 feet, airtight, and O-ring sealed for automatic pressure equalization
- Dimensions (HxWxD): 34.3 x 46.5 x 17.8 cm (13.5 x 18.3 x 7 in)



Leather cases

C520A Leather Tester Case

- Dimensions (HxWxD): 25.6 x 15.4 x 10.6 cm (10 x 6 x 4 in)



C510 Leather Meter Case

- Dimensions (HxWxD): 28.7 x 17.9 x 10.6 cm (11 x 7 x 4 in)



Holsters

H15 Electrical Tester Holster

- High quality 1000D fabric
- Dimensions (HxWxD): 27.9 x 9.2 x 5.1 cm (11 x 3.6 x 2 in)



H80M Protective Holster

- Includes a hanging magnet, general purpose hanger, and hook and loop straps
- Dimensions (HxWxD): 19 x 9.5 x 4.3 cm (7.5 x 3.7 x 1.7 in)



H5 Electrical Tester Holster

- Dimensions (HxWxD): 19.2 x 9 x 3.8 cm (7.5 x 3.5 x 1.5 in)



H3 Clamp Meter Holster

- Dimensions (HxWxD): 23.1 x 9 x 6.4 cm (9 x 3.5 x 2.5 in)



H6 IR Thermometer Holster

- Dimensions (HxWxD): 30.2 x 17.8 x 5.7 cm (11.9 x 7 x 2 in)



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Cases and holsters selection guide

	113/114/115/116/117	27 II/28 II	77-4/175/177/179	83/87V	233	287/289	8845A/8846A/8808A	120/190/22X Series	51-1/52-II/53-II B/54-II B	561/566/568	63/66/68	323/324/325	355	365/373/902	374 FC/375FC/376 FC/381	705/707	712/714/715/717/72X Series	718/719	753/754	787/789	T+/T+PRO	T5-600/T5-1000	1603/1507/1577/1587 FC
C12A	•																						
C23	•		•	•	•							•											
Camo-C25	•	•	•	•	•	•			•			•					•			•	•		•
C25	•	•	•	•	•	•																	•
C33												•			•						•	•	
C35			•		•										•						•	•	
Camo-C37												•		365	•						•	•	•
C43				•	•	•		•		•			•	•	•					•			
C50	•																				•		
C75	The C75 is designed to hold test leads, probes, clips and other required accessories																						
C90	•		•						•												•		
C100		•	•	•						•			•				71X			787			
C101	•	•	•	•	•	•		•	•		•			•	•	•	•	•				•	•
C115/C116	•	•	•	•	•	•		•						365			•	•		•			•
C125		•	•	83V	•							•			•	•					•	•	
C150																					•	•	
C280	•	•	•	•	•	•		•	•							•	•	•		•	•		
C345	The perfect case for carrying a wide range of Fluke handheld test tools and accessories																						
C510			•						•					•	•					787			
C520A																					•	•	
C550/C1600	The C550 and C1600 are large enough to hold accessories and multiple test tools																						
C781						•		•						•	•		72X	•	•	789			•
C789							•			•			•	365				•					
C799																		•					
C800			•	•						•			•	•	•		71X			787			
CXT80		•		•	•												72X						
CXT170	•		•						•								71X			•			•
CXT280						•														•			
CXT1000	The CXT1000 is designed to store, carry, and protect a wide range of Fluke test tools and accessories																						
H15																					•	•	

