

Insulation Tester Selection Guide

FLUKE



	1577	1587	1587T	1503	1507	1550B
Installation Test Functionality						
Test voltages	500V, 1000V	50V, 100V, 250V, 500V, 1000V	50V, 100V	500V, 1000V	50V, 100V, 250V, 500V, 1000V	250V, 500V, 1000V, 2500V, 5000V
Insulation Resistance Test Range	0.1MΩ - 600MΩ	0.01 MΩ - 2GΩ	0.01MΩ - 100MΩ	0.1MΩ - 2GΩ	0.01MΩ - 10GΩ	200KΩ - 1TΩ
Polarization Index/Dielectric Absorption Ratio					●	●
Auto Discharge	●	●	●	●	●	●
Time Ramp test (Breakdown)					●	●
Pass/Fail Comparison					●	
Estimated Number of Insulation Resistance Tests	1000	1000	1000	1000	1000	
Voltage > 30V Warning	●	●	●	●	●	●
Memory						(99 locations)
Remote Test Probe	●	●	●	●	●	
Lo Ohms				●	●	
Display	Digital LCD	Digital LCD	Digital LCD	Digital LCD	Digital LCD	Digital LCD / Analog Bar Graph
Continuity	●	●	●	(200mA)	(200mA)	
Multimeter Functionality						
AC/DC Volts	●	●	●	●	●	
Current	●	●	●	●	●	
Resistance	●	●	●	●	●	
Temperature (contact)		●	●	●		
Lo-Pass Filter		●	●	●		
Capacitance		●	●	●		●
Diode Test		●	●	●		
Frequency		●	●	●		
MIN/MAX		●	●			
Other						
Hold/Lock	●	●	●	●	●	●
Backlight	●	●	●	●	●	
Software						(Fluke View® Forms Basic)
Warranty (in years)	3	3	3	1	1	2
Battery	4 AA (NEDA 15A or IEC LR6)	4 AA (NEDA 15A or IEC LR6)	4 AA (NEDA 15A or IEC LR6)	4 AA (NEDA 15A or IEC LR6)	4 AA (NEDA 15A or IEC LR6)	Rechargeable



Fluke 1587/ET



Fluke 1587/MDT

Buy a Fluke 1587 Combo Kit and save

Fluke 1587/ET Advanced Electrical Troubleshooting Kit

This kit contains:

- Fluke 1587 Insulation Multimeter
- Fluke 62 Mini Infrared Thermometer
- i400 Current Clamp

Perform insulation tests with the Fluke 1587 plus a wide-range of DMM tasks with confidence and ease. Use the i400 with your Fluke 1587 to accurately measure AC current without breaking the circuit. Check for hot spots and measure temperature with the Fluke 62 Mini non-contact thermometer.

Fluke 1587/MDT Advanced Motor & Drive Troubleshooting Kit

This kit contains:

- Fluke 1587 Insulation Multimeter
- Fluke 9040 Phase Rotation Indicator
- i400 Current Clamp

Perform insulation tests with the Fluke 1587 plus a wide-range of DMM tasks with confidence and ease. Use the i400 with your Fluke 1587 to accurately measure AC current without breaking the circuit. Check the phase-rotation of three-phase motors easily and safely with the Fluke 9040.



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