

Insulation Tester Selection Guide



Insulation Test Functions	1503	1507	1577	1587 FC	1587T	1535	1537	1550C	1555
Test Voltages	500 V, 1000 V	50 V, 100 V, 250 V, 500 V, 1000 V	500 V, 1000 V	50 V, 100 V, 250 V, 500 V, 1000 V	50 V, 100 V	250 V, 500 V, 1000 V, 2500 V	250 V, 500 V, 1000 V, 2500 V	250 V, 500 V, 1000 V, 2500 V, 5000 V	250 V, 500 V, 1000 V, 2500 V, 5000 V, 10 000 V
Insulation Resistance Test Range	0.1 MΩ - 2 GΩ	0.01 MΩ - 10 GΩ	0.1 MΩ - 600 MΩ	0.01 MΩ - 2 GΩ	0.01 MΩ - 100 MΩ	200 KΩ - 500 GΩ	200 KΩ - 500 GΩ	200 KΩ - 1 TΩ	200 KΩ - 2 TΩ
Polarisation Index/Dielectric Absorption Ratio		•		•		•	•	•	•
Auto Discharge	•	•	•	•	•	•	•	•	•
Time Ramp Test (Breakdown)								•	•
Pass/Fail Comparison		•					•		
Estimated Number of Insulation resistance Tests	1000	1000	1000	1000	1000			1000 @ 5000 V	1000 @ 10 000 V
Voltage >30 V Warning	•	•	•	•	•			•	•
Memory				•			•	(99 locations)	(99 locations)
Remote Test Probe	•	•	•	•	•				
Lo Ohms	•	•							
Display	Digital LCD	Digital LCD	Digital LCD	Digital LCD	Digital LCD	LCD / Analogue Bar Graph	LCD / Analogue Bar Graph	LCD / Analogue Bar Graph	LCD / Analogue Bar Graph
Continuity	(200 mA)	(200 mA)	•	•	•		•		
Multimeter Functionality									
AC/DC Volts	•	•	•	•	•		•		
Current			•	•	•				
Resistance	•	•	•	•	•		•		
Temperature (contact)				•	•		•		
Temperature Compensation				•					
Lo-Pass Filter				•	•				
Capacitance				•	•			•	•
Diode Test				•	•				
Frequency				•	•				
MIN/MAX				•	•				
Fluke Connect® enabled				•				•	•
Other									
Hold/Lock	•	•	•	•	•			•	•
Backlight	•	•	•	•	•				
Software							•	•	•
Warranty (in years)	1	1	3	3	3	1	3	3	3
Battery	4× AA (NEDA 15 A or IEC LR6)	4× AA (NEDA 15 A or IEC LR6)	4× AA (NEDA 15 A or IEC LR6)	4× AA (NEDA 15 A or IEC LR6)	4× AA (NEDA 15 A or IEC LR6)	8× AA (IEC LR6)	8× AA (IEC LR6)	Rechargeable	Rechargeable

+ With Fluke IR FC Connector.

