



ref. 54114

INSULATION TESTER**Technical specifications**

Installation category	2
Measurement category	CAT III
Altitude	Up to 2000 meters
Display	LCD with dual display
Measurement range	Voltage AC: 0 – 750V Voltage DC: 0 – 1000V Resistance: 0 - 200Ω / 200 - 2000 Ω Insulation resistance: 0 – 200MΩ / 200 – 2000 MΩ
Sampling rate	2.5 times per second
Zero adjustment	Automatic adjustment
Operating temperature	0° - 40°C (32°F – 104°F), relative humidity below 80%
Storage temperature	-10°C – 60°C (14°F – 140°F), relative humidity below 70%
Power source	DC9V (6x1.5V Size “AA” batteries)
Dimensions (length x width x high):	200 x 92 x 50mm





TECHNICAL DATASHEET

OHMS

Range	Resolution	Accuracy	Maximum open circuit voltage	Overload protection
200Ω	0.1Ω	+(1%+2)	4.5V	250Vrms
200kΩ	0.1kΩ		3.0V	

Continuity Beeper

Range	Resolution	Operation Resistance	Maximum open circuit voltage	Overload protection
•)))	0.1Ω	≤40Ω	4.5V	250Vrms

DC Voltage

Range	Resolution	Accuracy	Input Impedance	Overload Protection
1000V	1V	+(0.8%+3)	10MΩ	1000Vrms

AC Voltage (40Hz~400Hz)

Range	Resolution	Accuracy	Input Impedance	Overload Protection
750V	1V	+(1.2%+10)	10MΩ	750Vrms

Meg OHMS

Range	Resolution	Accuracy	Terminal Voltage
200MΩ/250V	0.1MΩ	+(3%+5)	250V+ 10%~-0%
200MΩ/500V	0.1MΩ		500V+ 10%~-0%
0~1000MΩ/1000V	1MΩ	+(5%+5)	1000V+ 10%~-0%
1000~2000MΩ/1000V			

Range	Test Current	
200MΩ/250V	1mA	250KΩ(load)
200MΩ/500V		500KΩ(load)
0~1000MΩ/1000V		1MΩ
1000~2000MΩ/1000V		