

Features

- ✓ Simple, Smart and Powerful
- ✓ Innovative Insulation Resistance Tester
- ✓ 4000 count extra large digital display
- ✓ Auto Backlit, Dual display
- ✓ Insulation test range: 0.01M Ω to 20G Ω
- ✓ Insulation test voltage: 50V, 100V, 250V, 500V, 1000V
- ✓ Auto AC/DC Voltage Detection
- ✓ Automatic calculation of Polarization Index (PI) & Dielectric Absorption Ratio (DAR)
- ✓ Convenient Compare (Pass/Fail) function
- ✓ Ergonomically designed Remote Probe for repetitive testing
- ✓ Measurement of TRMS AC voltages up to 600V DC
- ✓ Continuity under 200mA
- ✓ Compact, robust and shockproof housing, with protective holster
- ✓ LCD display with backlight
- ✓ Compare function
- ✓ Memory: 5 x 100 memories available
- ✓ Supplied with active test probe



General Specifications

Sampling Rate	3times/sec
Overload Indication	"OL" or "-OL"
Low Battery Indication	
Auto Power Off	Approx. 20 minutes
Operating Temperature	0°C~50°C, \leq 80%RH
Storage Temperature	-20°C~60°C
Temperature Coefficient	0.15(Spec.Acc)/°C, <18°C or >28°C
Safety: IEC 61010-1 and designed to meet UL61010-1 specifications. Compliance to IEC61557	CAT. IV 600V
Power Requirement	AA size 1.5V x 4 batteries (NEDA 15A or IEC LR6)
Battery Life: In hours (Alkaline battery)	1100 times of insulation tests
Size	258mm(L) X 103mm(W) x 55m(H)
Weight	630 In grams (with holster)
Accessories	Remote Probe, Test Leads, Alligator Clips, Protective Holster, Magnetic Hanging Kit, Alkaline batteries (installed) and manual

Specifications: (All at 23°C±5°C, ≤ 80% R.H.)

Parameter	Specification	
DCV	Ranges	600.0V
	Resolution	0.1V
	Basic Accuracy	±(1.0%+5d)
	Input Impedance	3MΩ//<100pF
	Overload Protection	600V AC rms or DC
ACV	Ranges	600.0V
	Resolution	0.1V
	Basic Accuracy	±(1.5%+5d) at 50Hz ~ 60Hz ; ±(2%+5d) at 60Hz ~ 500Hz
	Input Impedance	3MΩ//<100pF
	Overload Protection	600V AC rms or DC
	Conversion Type	True RMS
Earth Bond Resistance	Ranges	40.00Ω ~ 40.00kΩ
	Resolution	0.1Ω
	Basic Accuracy	±(1.5%+3d)
	Overload Protection	600V AC rms or DC
Insulation Resistance	Testing Voltage Ranges	50V, 100V, 250V, 500V, 1000V
	Resistance Ranges	0.001M Ω ~ 20.0GΩ
	Resolution	1kΩ
	Basic Accuracy	±(1.5%+5d)
	Overload Protection	600V AC rms or DC