

**PRODUCT INTRODUCTION**

Electronic Digital Earth Resistance Tester is direct replacement of the conventional hand generator type tester. It is designed for measurement of the resistance of earthing used in the electrical equipment as well as for measurement of ground resistivity. It can be used for measurements of the other low regular and liquid resistances. It can also be used for measurement of voltage AC, voltage DC and resistance. This instrument has wide application for testing earthing installation in power based industries, telecommunication networks and electrical traction systems etc.

**FEATURE**

- Meets IEC10101, CAT III 1000V
- Display : 3½ Digit 2000 Counts Large dual display with back light
- Test hold function for easy operation
- Zero adjustment
- Sampling Rate: 2.5 times per second
- Low Battery Indication
- Test Frequency : 820Hz
- Leakage Current : 2mA

**SPECIFICATION :**

Function	Range (Ω)	Max. Resolution (Ω)	Accuracy
Earth resistance	20Ω	0.01Ω	±(2%rdg ± 10digits)
	200Ω	0.1Ω	±(2%rdg ± 3dgts)
	2000Ω	1Ω	±(2%rdg ± 3dgts)
Earth Voltage	200V	0.1V	±(3%rdg ± 3dgts)
AC Voltage (40Hz-400Hz, 820Hz)	750V	1V	±(1.2%rdg ± 10dgts)
Input Impedance	10MΩ		
Overload Protection	750Vrms		
DC Voltage	1000V	1V	±(0.8%rdg ± 3dgts)
Input Impedance	10MΩ		
Overload Protection	1000Vrms		
Resistance	200kΩ	0.1kΩ	±(1.0%rdg ± 2dgts)
Overload Protection	1000Vrms		
Continuity Test	Active Sound Level : ≤ 40Ω, Test current ≤ 200mA		
Operating Temp	0°C ~ 40°C (< 80%R.H.)(32 ~ 104°F)		
Storage Temperature	-10°C ~ 60°C (< 70%R.H.)(14 ~ 140°F)		
Power Source	1.5V "AA" battery x 6		

- **Dimension** : Approx. 200(L) x 92(W) x 50(H)mm
- **Weight** : Approx. 700gm.(including battery)
- **Accessories** : "AA" Battery x 6, Rubber holster, 3-wire cable and iron rod x 2, Manual & carrying case.

All Specifications are subject to change without prior notice.



EN 61010-1  
CAT III  
1000V



EMC & LVD

- EN : 61326
- EN : 61010-1
- EN : 61010-02-03
- EN : 61010-02-03



**Preliminary Data**

