

EARTH GROUND RESISTANCE TESTER MODEL - KM 1521



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







EMC & LVD EN: 61326 EN: 61010-1 EN: 61010-02-03 EN: 61010-02-03



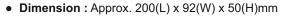


Preliminary Data



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)			1V	±(1.2%rdg ± 10dgts)
Input Impedance				
Overload Protection	750Vrms			
DC Voltage	1000V		1V	±(0.8%rdg ± 3dgts)
Input Impedance	10M0	Ω		
Overload Protection	1000	1000Vrms		
Resistance	Resistance 2001		0.1kΩ	±(1.0%rdg ± 2dgts)
Overload Protection	1000	Vrms		
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		



• 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.



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