

# ET-3000 EARTH RESISTANCE TESTER 接地電阻計



- 具有測量接地電阻極大地電壓功能
- 測量範圍：接地電阻 0.01~1999 歐姆 ±2%

大地電壓 0~199.9V ±1%

- 手動關機及自動關機功能
- 讀值鎖定及過載保護功能
- 遙測端子 Size：160 X 120 X 65mm

FEATURES	
*Earth Resistance and Earth Voltage measurement.	* circuit provides high accuracy, reliability and durability.
*3 ranges for earth resistance measurement, 19.99, 199.9, 1999 ohm	*Manual power On/Off or auto power Off within 2 minutes after power On.
*0 to 199.9 V for earth voltage measurement.	*Built-in over input indication.
*18 mm, large size LCD display, easy to read-out.	*Durable & portable housing plastic case with the front protective cover.
*Data hold.	*Complete testing accessories included.

GENERAL SPECIFICATIONS	
Display	18 mm (0.7") LCD ( Liquid Crystal Display). Max. indication 1999.
Function	Earth Resistance & Earth Voltage measurement.
Response Time	4 seconds on earth resistance range approximately. 1 seconds on earth voltage range approximately.
Input Terminal	3 terminal input.
Over input Indication	Indication of " 1 ".
Data Hold	To freeze the display reading value.
Safety Standard	IEC1010.
Overload Protection	* 200V AC for 10 seconds across 2 of the 3 terminals for Earth Resistance measurement. * 300V AC for 1 minute on Earth Voltage range.
Insulation Resistance	More than 5 Meg ohm between the circuit and the housing case when measured with 500 DCV.
Power Management	Manual power On/Off or auto power Off within 2 minutes after power On.
Operating Temp.	0 to 50 °C ( 32 to 122 °F ).
Operating Humidity	Less than 80 % R.H..
Power Supply	DC 9V, 1.5V AA ( UM-3) battery x 6 PCs. @ Alkaline or heavy duty battery.
Power Consumption	Earth Resistance Approx. 74 mA for stand-by condition Approx. 84 mA for ON condition @ at 1,900 ohm on 2,000 ohm range Earth Voltage Approx. 82 mA for stand-by condition
Dimension	160 x 120 x 65 mm (6.3 x 4.7 x 3.3 inch), with housing front cover.
Weight	Approx. 560 g (1.2 LB).
Standard Accessories	Test Leads with alligators clips ( red, black, green ), 3 PCs..... 1 set Auxiliary Earth Spikes.....2 PCs

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ELECTRICAL SPECIFICATIONS (23 ± 5 °C)			
Function	Range	Resolution	Accuracy
Earth Resistance	19.99 ohm	0.01 ohm	± ( 2% rdg + 0.1 ohm ) @ 0 to 19.99 ohm ± ( 2% rdg + 3 d ) @ above 20 ohm.
	199.9 ohm	0.1 ohm	
	1999 ohm	1 ohm	
Earth Voltage	0 to 199.9 V ( 50, 60 Hz )		± ( 1% rdg + 4 d )

\* Appearance and specifications listed in this brochure are subject to change without notice.