Digital Earth Tester TES-1605

FEATURES :

- Capable of measuring earth voltage.
- Data hold function. ■Auto power off function
- 2mA measuring current permits earth resistance tests without tripping earth leakage current breakers in the circuit under test.
- Automatic warning when resistance of auxiliary earth spike is in excess of tolerance. ■Zero ohm buttom.
- Designed to meet IEC1010-1 safety standard.

ELECTRICAL SPECIFICATIONS :

Measuring Range and Accuracy (at 23℃ and 45-75%RH)

Function	Measuring range	Accuracy	Overload Protection
Earth Voltage	0~199.9V(50Hz, 60Hz)	±(1%rdg+4dgts)	300Vrms/1 minutes
Earth Resistance	0~19.99Ω	±(2%rdg+0.1Ω)	200Vrms/ 10seconds
	0~199.9Ω	±(2%rdg+3dgts)	
	0~1999Ω		

Current Consumption(typical Value with battery voltage of 9V)

Range	ON
20Ω/ 200Ω/2000Ω	42mA
Earth V	22mA

GENERAL SPECIFICATIONS:

- **Safety Standard:** IEC1010-1 overvoltage category Ⅲ, IEC 61557.
- **Display:** 3-1/2 digit liquid crystal display with a maximum reading of 1999.
- **Insulation Resistance:** More than 5MΩ between the circuit and the housing case when measured with 300VDC.
- **Withstand Voltage:** 3700CV AC for 1 minute between the circuit and the housing case.
- **Timer (Auto power off):** about 3 minutes.
- **Dimensions:** 165(L) ×100(W) ×57(H)mm
- **Weight:** Approx. 500g (with battery).
- **Power Source:** DC 9V(6×1.5V size "AA" battery or equivalent).
- **Over range Indication:** "1- - - -" will be shown on the LCD panel when out of range measurement is made.
- **Operating Temperature and Humidity:** 0℃ to 40℃ (32°F to 104°F), below 80% RH.
- **Storage Temperature and Humidity :** -10℃ to 60℃ (14°F to 140°F), below 70% RH.
- **Accessories :** Test leads Auxiliary→ 1Set, Auxiliary earth spikes→ 2Pcs, Batteries 1.5V AA→ 6Pcs, Carring case → 1 Pcs, Manual.