

CLAMP EARTH TESTER

AC CURRENT AC/DC VOLTAGE RESISTANCE

Model **MET-1**

SPECIFICATIONS

- Measuring function : Earth Resistance, AC Current (Line & Leakage)
- Measuring method : Dual integration mode, Clamping Two CTs
- Display : LCD, 16 letters/characters × 2 lines with contrast adjustor
- Safety standard : Meets the requirements for double insulation to IEC 61010-1 installation CategoryII. 600V phase to earth.
- Sampling : Approx. 2 times/second for AC current
- Measuring Time : Approx. 30 second for earth resistance
- Over range indication : "OVER" on LCD readout both for AC current & earth resistance
- Low battery indication : "B" mark on LCD readout
- Auto power off : The meter is set to power off mode, approx. 5 minutes after the power swith on.
- Data hold function : "DH" mark on LCD readout.
- Accuracy : 23 °C ± 5 °C, 80%RH max.

Earth Resistance

Range	Resolution	Accuracy
200 Ω	0.1 Ω	0 ~ 10 Ω ± 0.2 Ω
		10 ~ 50 Ω ± 1.0 Ω
		50 ~ 200 Ω ± 5.0 Ω

AC Current (Max. applicable current : F10A rms)

Range	Resolution	Accuracy
200mA	0.1mA	2% rdg ± 8 dgt
2000mA	1mA	
10A	0.01A	

- CT for dectection : 340mm
- CT for superposition : 340mm, auto sweep 4KHz ~ 400KHz
superposing level : approx.160mVp
- Storage temperature : -10 °C ~ 60 °C, <80% RH without condensation
- Operating temperature : 0 °C ~ 40 °C, <80% RH without condensation
- Circuit voltage : less than 500V
- Withstanding voltage : AC 3700V, 1minute between operation handle and CT core.
AC 2300V, 1minute between supply source and body case of the instrument.
- Power Supply : AC100V ~ 240V (50/60Hz) with adaptor
Internal Ni-Cd battery (1.2V × 5)
- Battery life : 450 times measurement under full charged condition (according to the times of charging and discharging).
- Size & weight
- CT for detection : 90.5(W) × 165(H) × 38(D)mm, approx. 460g
- CT for superposition : 90.5(W) × 165(H) × 38(D)mm, approx. 440g
- Instrument body : 190(W) × 140(H) × 42(D)mm, approx. 800g
- Standard accessories : Detection Clamp CT 1
Superpostion Clamp CT..... 1
AC Adaptor 1
Carrying case 1
Instruction Manual 1
Subsidiary lead wire 1