

DIGITAL EARTH RESISTANCE TESTER



CE

4120ER

FEATURES

- Capable of measuring earth voltage.
- 2mA measuring current permits the testing of earth resistance without tripping earth leakage current breakers in the circuit under test.
- In addition to facilitating for precision measurement, test leads for simplified two-wire measuring system also are supplied as standard accessories.
- Data hold function.
- Battery operated.
- Battery life indicator.
- EN/IEC 1010-1 CAT III 300V
- Calibration performed with supplied test leads.

SPECIFICATIONS

Measuring Ranges	Earth resistance 0-19.99 Ω /0-199.9 Ω /0-1999 Ω Earth voltage 0-199.9 Vac (50-60Hz)
Accuracy	Earth Resistance $\pm(2\%rdg+2dpts)$ at 200/2000 Ω $\pm(2\%rdg+0.1\Omega)$ at 20 Ω Earth Voltage $\pm(1\%rdg+2dpts)$
Earth Resistance Resolution	0-19.99 Ω (0.01 Ω) 0-199.9 Ω (0.1 Ω) 0-1999 Ω (1 Ω)
Measuring System	Earth resistance by constant current inverter 820Hz, 2mA approx.
Low Battery Indication	" BAT " Symbol appears on the display
Data Hold Indication	" HOLD " Symbol appears on the display
Over Range Indication	"1" (MSD)
Open Circuit Indication	LED will be unlit
Display	LCD 3 $\frac{1}{2}$ digit (2000 counts)
Dimensions	250(L) x 190(W) x 110(D)mm
Weight	Approx. 1500g (battery included)
Power Source	1.5V SUM-3 (R6P) x 8 Batteries or Equivalent
Accessories	Instruction manual. Test leads (AL-36 : red-15m, yellow-10m, green-5m+AL-33) Auxiliary earth spikes. Simplified measurement probe. Shoulder belt. Batteries.



AL-36 TEL-1505 AL-33