



# Digital Earth Resistance Tester

8020 ER





## DIGITAL EARTH RESISTANCE TESTER

- Capable of measuring earth resistance and earth voltage.
- 2mA measuring current permits the testing of earth resistance without tripping earth leakage current breakers in the circuit under test.
- Frequency : 820Hz
- 0Ω adjustment.
- Battery operated.
- Data hold function.
- Low battery indication.
- Calibration performed with supplied test leads.
- Simplified measurement probe is also provided for two-wire measuring method.



### SPECIFICATIONS

Measuring ranges	Earth resistance 0-20Ω / 0-200Ω / 0-2000Ω Earth voltage 0-200 Vac (40-500Hz)
Accuracy	Earth resistance $\pm(1.5\%rdg+2dgt)$ or $\pm 0.1\Omega$ , which is greater Earth voltage $\pm(1\%rdg+2dgt)$
Earth resistance resolution	0-20Ω : 0.01Ω 0-200Ω : 0.1Ω 0-2000Ω : 1Ω
Testing frequency	820 Hz
Measuring system	Earth resistance by constant current inverter 820Hz approx 2mA.
Display	3½ digit (2000 counts)
0Ω adjustment	√
Open circuit indication	LED will be unlit
Low battery indication	"  "symbol appears on the display
Data hold indication	"  "symbol appears on the display

Over range Indication	"1"(MSD)
Dimensions	221(L) × 110(W) × 57(D)mm
Weight (battery included)	Approx. 600g
Power source	1.5V (AA) × 6
Safety standard	IEC/EN 61010-1 CAT IV 200V EN 61557-1 EN 61557-5 EN 61326-1
Accessories	Instruction manual Test leads (red-15m, yellow-10m, green-5m) Auxiliary earth spikes Simplified measurement probe Hand strap Batteries Carry case