

3 Wire Earth Resistance Tester



CE

2720 ER



CE

4120 ER

FEATURES

- 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.
- The test leads are supplied as standard accessories for simplified two-wire measuring system.
- Battery operated.
- Data hold function.
- Low battery indication.
- **Calibration performed with supplied test leads.**

SPECIFICATIONS

Measuring ranges	Earth resistance 0-20Ω / 0-200Ω / 0-2000Ω Earth voltage 0-200 Vac (40-500Hz)
Accuracy	Earth resistance ±(2%rdg+2dgt) or ±0.1Ω, which is greater Earth voltage ±(1%rdg+2dgt)
Earth resistance resolution	0-20Ω : 0.01Ω 0-200Ω : 0.1Ω 0-2000Ω : 1Ω
Measuring system	Earth Resistance by constant current inverter 820Hz approx. 2mA.
Display	3½ digit (2000 counts)
Open circuit indication	LED will be unlit
Low battery indication	"  " symbol appears on the display
Data hold indication	" HOLD " symbol appears on the display
Over range Indication	"1"(MSD)
Dimensions	205(L) × 90(W) × 55(D)mm
Weight (battery included)	Approx. 550g
Power source	1.5V (AA) × 6
Safety standard	EN 61010-1 CAT III 300V IEC 61557-1 IEC 61557-5 EN 61326-1
Accessories	Instruction manual Test leads(red-15m, yellow-10m, green-5m) Auxiliary earth spikes Simplified measurement probe Carry case Batteries

SPECIFICATIONS

Measuring ranges	Earth resistance 0-20Ω / 0-200Ω / 0-2000Ω Earth voltage 0-200 Vac (40-500Hz)
Accuracy	Earth resistance ±(2%rdg+2dgt) at 200/2000Ω ±(2%rdg+0.1Ω) at 20Ω Earth voltage ±(1%rdg+2dgt)
Earth resistance resolution	0-20Ω : 0.01Ω 0-200Ω : 0.1Ω 0-2000Ω : 1Ω
Measuring system	Earth Resistance by constant current inverter 820Hz approx. 2mA.
Display	3½ digit (2000 counts)
Open circuit indication	LED will be unlit
Low battery indication	"  " symbol appears on the display
Data hold indication	" HOLD " symbol appears on the display
Over range Indication	"1"(MSD)
Dimensions	250(L) × 190(W) × 110(D)mm
Weight (battery included)	Approx. 1500g
Power source	1.5V (AA) × 8
Safety standard	EN 61010-1 CAT III 300V IEC 61557-1 IEC 61557-5 EN 61326-1
Accessories	Instruction manual Test leads (red-15m, yellow-10m, green-5m) Auxiliary earth spikes Simplified measurement probe Shoulder belt Batteries