

3 Wire Earth Resistance Tester





CE

1820 ER-A

FEATURES

- Capable of measuring earth resistance and earth voltage
- 2mA measuring current permits testing of earth resistance without tripping earth leakage current breakers in circuit under test
- 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) Earth resistance $\pm(2\%rdg+2dgt)$ or $\pm 0.1\Omega$, which is greater Earth voltage $\pm(1\%rdg+2dgt)$
Accuracy	
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	"  "symbol appears on the display
Over range Indication	"1"(MSD)
Dimensions	170(L) × 165(W) × 92(D)mm
Weight (battery included)	Approx. 1040g
Power source	1.5V (AA) × 8 EN IEC 61010-1 CAT III 300V IEC 61557-1 IEC 61557-5 EN 61326-1
Safety standard	Instruction manual Test leads (red-15m, yellow-10m, green-5m) Shoulder belt Auxiliary earth spikes Simplified measurement probe Batteries
Accessories	





CE

2120 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.
- 0Ω adjustment.
- 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) Earth resistance $\pm(2\%rdg+2dgt)$ or $\pm 0.1\Omega$, which is greater Earth voltage $\pm(1\%rdg+2dgt)$
Accuracy	
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)
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	210(L) × 210(W) × 100(D)mm
Weight (battery included)	Approx. 1395g
Power source	1.5V (AA) × 8 EN IEC 61010-1 CAT III 200V. IEC 61557-1 IEC 61557-5 EN IEC 61326-1
Safety standard	Instruction manual Test leads (red-15m, yellow-10m, green-5m) Auxiliary earth spikes Shoulder belt Simplified measurement probe Carry case Batteries
Accessories	