



# Model 2120 ER



## 3 Wire Digital Earth Resistance Tester



### 2120 ER 3 Wire (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.
- 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)
Accuracy	Earth resistance $\pm(2\%rdg+2dgt)$ 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
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
Safety standards	EN 61010-1 CAT II 200V 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  
Carry case  
Batteries