

## 3 Wire Earth Resistance Tester



### 1805 ER-A

#### FEATURES

- High quality Taut Band movement
- 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
- Battery check function
- **Calibration performed with supplied test leads**

#### SPECIFICATIONS

Measuring ranges	Earth resistance 0-10Ω / 0-100Ω / 0-1000Ω Earth voltage 0-30 Vac (40-500Hz)
Accuracy	Earth resistance ±3% of scale length Earth voltage ±2.5% of scale length
Measuring system	Earth resistance by constant current inverter 820Hz, 2mA approx.
Open circuit indication	LED will be unlit
Dimensions	170(L) × 165(W) × 92(D)mm
Weight (battery included)	Approx. 1000g
Power source	1.5V (AA) × 8
Safety standard	EN IEC 61010-1 CAT III 300V EN 61326-1
Accessories	Instruction manual Test leads (red-15m, yellow-10m, green-5m) Auxiliary earth spikes Simplified measurement probe Shoulder belt Batteries



### 2105 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.
- In addition to facilitating for precision measurement, test leads for simplified two-wire measuring system also are supplied as standard accessories.
- Battery operated.
- Battery life indicator.
- **Calibration performed with supplied test leads.**

#### SPECIFICATIONS

Measuring ranges	Earth resistance 0-12Ω / 0-120Ω / 0-1200Ω Earth voltage 0-30 Vac (40-500Hz)
Accuracy	Earth resistance ±3% of full scale Earth voltage ±2.5% of full scale
Measuring system	Earth resistance by constant current inverter 820 Hz, 2mA approx.
Open circuit indication	LED will be unlit
Dimensions	210(L) × 210(W) × 100(D)mm
Weight (battery included)	Approx. 1370g
Power source	1.5V (AA) × 8
Safety standard	EN 61010-1 CAT III 30V EN 61326-1
Accessories	Instruction manual Test leads (red-15m, yellow-10m, green-5m) Auxiliary earth spikes Simplified measurement probe Shoulder belt Batteries