

# 3 Wire Earth Resistance Tester



CE

**2705 ER**



CE

**4105 ER**

## FEATURES

- High quality Taut Band movement.
- 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.
- 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 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	205(L) × 90(W) × 55(D)mm
Weight (battery included)	Approx. 514g
Power source	1.5V (AA) × 6
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 Carry case Batteries

## 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	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 EN 61326-1
Accessories	Instruction manual Test leads (red-15m, yellow-10m, green-5m) Auxiliary earth spikes Simplified measurement probe Shoulder belt Batteries



AL-36

AL-33

TEL-1505 S

BET-2800