

# Analogue Multi-function Insulation/Voltage/Earth Resistance Tester



## 4167 MF

### 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.
- Two insulation test voltages (DC V) : 250V and 500V.
- Alternation voltage measurement.
- Battery life indicator.
- Fuse protected.

### SPECIFICATIONS

#### Earth Resistance

Measuring system	Earth resistance by constant current inverter 820Hz, 2mA approx.
Measuring Ranges	Earth resistance: 0-12/0-120/0-1200Ω Earth voltage: 0-30V AC 40-500Hz
Accuracy	Earth resistance: ±3% F.S. Earth voltage: ±2.5% F.S.

#### Insulation

Test voltage(DC V)	250V	500V
Measuring ranges	0-100MΩ	0-200MΩ
Output voltage on open circuit	Rated test voltage +10%	
Short circuit terminal current	2mA DC	
Accuracy	± 5% of scale length	

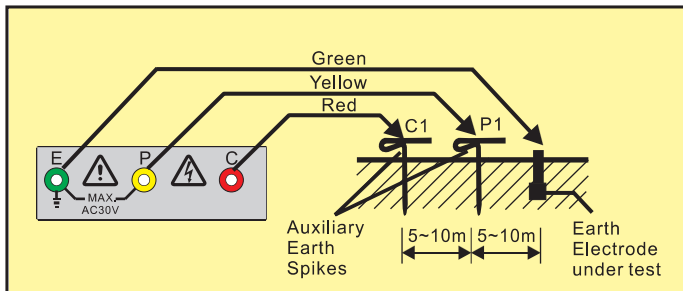
#### ACV

AC voltage range	0-600V
Accuracy	± 2.5% of full scale
Line frequency range	40-500Hz

#### General

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 600V EN 61326-1
Accessories	Instruction manual Test leads Auxiliary earth spikes Simplified measurement probe Shoulder belt Batteries

### Earth Resistance Measurement



### Insulation Test Connections

