

# Digital (Up to 1kV) Insulation Tester



CE

1161 IN

## SPECIFICATIONS

### Insulation Resistance

Test voltage (DC V)	250V / 500V / 1000V
Measuring ranges (Auto ranging)	0-2MΩ / 0-20MΩ / 0-200MΩ / 0-2000MΩ
Output voltage open circuit	+10%

Accuracy	0-2MΩ : ±(5%rdg+5dgt)
	0-20MΩ : ±(1.5%rdg+5dgt)
	0-200MΩ : ±(2.5%rdg+3dgt)
	0-2000MΩ : ±(5%rdg+5dgt)

Resolution	0-2MΩ : 1kΩ
	0-20MΩ : 10kΩ
	0-200MΩ : 100kΩ
	0-2000MΩ : 1MΩ

Output current	1mA DC
----------------	--------

### AC Voltage

Range	0-600V
Resolution	1V
Line frequency range	40-120 Hz
Accuracy	±(1.5%rdg+3dgt)

### Current for continuity

Measuring range	0-20Ω
Resolution	0.01Ω
Short circuit terminal current	200mA DC min.
Open circuit terminal voltage	4V DC min.
Accuracy	±(1.5%rdg+3dgt)

## FEATURES

- Microprocessor-controlled.
- Measures insulation (MΩ), Continuity (Ω) and AC voltage.
- Three insulation test voltages (DC V) : 250V, 500V, 1000V.
- 3½ digital LCD (2000 counts).
- 68 × 34mm ( 2.677" × 1.338" ) large LCD display.
- Waterproof design, protection class : IP54.
- Automatic circuit discharge.
- Test insulation at rated voltage into a 1mA load.
- 200mA short circuit testing current for continuity.
- Auto ranging.
- Fuse protection.
- Data hold function.
- BS 16<sup>th</sup> edition.

### General

Impedance	10MΩ
Dimensions	175(L) × 85(W) × 75(D) mm
Weight (battery included)	Approx. 600g
Power source	1.5V (AA) × 8
Safety standard	EN 61010-1 CAT III 600V EN 61326-1 Instruction manual Test leads
Accessories	Soft pouch Shoulder belt Batteries



AL-28-5