



# Model 2151 IN

## Digital (up to 1kV) Insulation Tester



### Features

- Microprocessor-controlled.
- 68 × 34mm(2.677" × 1.338") large LCD display.
- 3½ digital LCD(2000 counts) a LCD indicated instrument for insulation.(MΩ), continuity(Ω) and AC voltage.
- Three insulation test voltages(DC) : 250V, 500V, 1000V.
- Automatic circuit discharge.
- Test insulation at rated voltage into a 1mA DC load.
- >200mA short circuit testing current for a resistance tests.
- Auto ranging.
- REL function.
- Auto power OFF.
- Fuse protection.
- Auto data hold.
- BS 16 edition.

### Accessories

Instruction manual  
 Test leads  
 Shoulder belt  
 Batteries



AL-24-5



BET-1800



AL-21C2-4

### 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)

#### Continuity

Measuring ranges	20Ω / 200Ω / 2000Ω
Resolution	0.01Ω / 0.1Ω / 1Ω
Open circuit terminal voltage	12V DC
Short circuit terminal current	>200mA DC
Accuracy	±(1.5%rdg+3dgt)

#### General

Impedance	10MΩ
Dimensions (with housing front cover)	210(L) × 210(W) × 100(D)mm
Weight (battery included)	Approx. 1490g
Power source	1.5V (AA) × 8
Safety standard	EN 61010-1 CAT III 600V IEC 61557-1 IEC 61557-2 EN 61326-1