

Digital (Up to 1kV) Insulation Tester



2151 IN

SPECIFICATIONS

Insulation Resistance

Test voltage (DC V)	250V / 500V / 1000V
Measuring ranges (Auto ranging)	0-2M Ω / 0-20M Ω / 0-200M Ω / 0-2000M Ω
Output voltage open circuit	+10%
Accuracy	0-2M Ω : $\pm(5\%rdg+5dgt)$ 0-20M Ω : $\pm(1.5\%rdg+5dgt)$ 0-200M Ω : $\pm(2.5\%rdg+3dgt)$ 0-2000M Ω : $\pm(5\%rdg+5dgt)$
Resolution	0-2M Ω : 1k Ω 0-20M Ω : 10k Ω 0-200M Ω : 100k Ω 0-2000M Ω : 1M Ω
Output current	1mA DC

AC Voltage

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

FEATURES

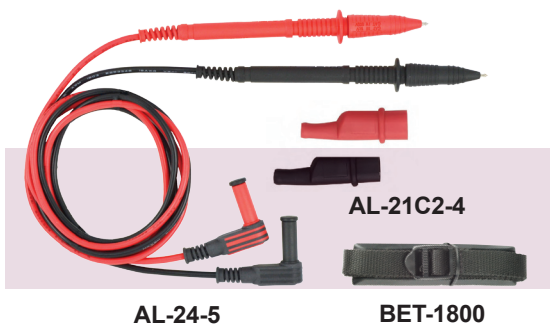
- Microprocessor-controlled.
- 68 × 34mm (2.677" × 1.338") large LCD display.
- 3½ digital LCD (2000 counts) a LCD indicated instrument for insulation(M Ω), continuity(Ω) and AC voltage.
- Three insulation test voltages(DC) : 250V, 500V, 1000V.
- Automatic circuit discharge.
- Test insulation at rated 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 16th edition.

Continuity

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

General

Impedance	10M Ω
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
Accessories	Instruction manual Test leads Shoulder belt Batteries



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BET-1800