

Digital (Up to 1kV) Insulation Tester



1651 IN

FEATURES

- Microprocessor-controlled.
- 68 x 34mm 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 V) : 250V, 500V, 1000V.
- Auto ranging.
- Auto power off function.
- Auto data hold function.
- Rel function (ohm only)
- Continuity buzzer.
- External AC voltage warning.
- Automatic circuit discharge.
- BS 16th edition.

SPECIFICATIONS

Insulation Resistance

Test voltage	250V / 500V / 1000V
Measuring ranges (Auto ranging)	0-20.00MΩ 0-200.0MΩ 0-2000MΩ
Output voltage open circuit	Rated test voltage +10%
Accuracy	20MΩ : ±(1.5%rdg+2dgt) 200MΩ : ±(2.5%rdg+2dgt) 2000MΩ : ±(5%rdg+3dgt)
Resolution	0-20.00MΩ : 10kΩ 0-200.0MΩ : 100kΩ 0-2000MΩ : 1MΩ
Output current	1mA DC

AC Voltage

Range	0-500V
Resolution	1V
Accuracy	±(1.5%rdg+3dgt)

Continuity

Range	20Ω / 200Ω / 2000Ω
Resolution	0-20Ω : 0.01Ω 0-200Ω : 0.1Ω 0-2000Ω : 1Ω
Short circuit terminal current	> 200mA DC
Accuracy	20Ω : ±(2%rdg+4dgt) 200Ω : ±(1.5%rdg+2dgt) 2000Ω : ±(1.5%rdg+2dgt)
Buzzer sounds	Below 10Ω

General

Dimensions	163(L) × 102(W) × 50(D)mm
Weight (battery included)	Approx. 470g
Power source	1.5V (AA) × 6
Safety standard	EN 61010-1 CAT. III 500V IEC 61557-1 IEC 61557-2 EN 61326-1
Accessories	Instruction manual Test leads Carry case Batteries



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