

Digital (Up to 1kV) Insulation Tester



CE

1651 IN

FEATURES

- Microprocessor-controlled.
- ACV auto-detection function on 3 insulation ranges (250/500/1000V) and low Ω range before pressing the TEST button.
- 68 x 34mm 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 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)	0-20.00M Ω 0-200.0M Ω 0-2000M Ω
Output voltage open circuit	Rated test voltage +10%
Accuracy	20M Ω : $\pm(1.5\%rdg+2dgt)$ 200M Ω : $\pm(2.5\%rdg+2dgt)$ 2000M Ω : $\pm(5\%rdg+3dgt)$
Resolution	0-20.00M Ω : 10k Ω 0-200.0M Ω : 100k Ω 0-2000M Ω : 1M Ω
Output current	1mA DC

AC Voltage

Range	0-600V
Resolution	1V
Accuracy	$\pm(1.5\%rdg+3dgt)$

Continuity

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

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 600V IEC 61557-1 IEC 61557-2 EN 61326-1
Accessories	Instruction manual Test leads Carry case Batteries



AL-24-5



TOC-1651