

Analogue (Up to 1kV) Insulation Tester



8031 IN

FEATURES

- High quality Taut Band movement.
- Three insulation test voltages(DC) : 250V, 500V, 1000V.
- Two ranges for continuity test : 2Ω & 20Ω.
- AC voltmeter with linear scale up to 600 Vac.
- 200mA short circuit current for continuity.
- 1mA test current on insulation test at nominal voltage.
- Automatic discharge of capacitive and inductive circuit with charge stored in the circuit under test.
- Live warning and display or external voltage presence.
- Fuse, air gap, crowbar and overload protected.
- On line battery monitoring shows if battery is ok.
- Manual zero ohm adjustment.
- Low battery consumption.
- Mirror scale.
- Push and turn locking switch for continuous and hand free testing.
- Supplied with high quality test leads
- BS 16th edition.

SPECIFICATIONS

Insulation Resistance

Test voltage (DC V)	250V	500V	1000V
Output voltage on open circuit	Rated test voltage +10%		
Measuring ranges	0-100MΩ	0-200MΩ	0-400MΩ
Mid-scale value	1MΩ	2MΩ	4MΩ
Scale multiplier	×1/2	×1	×2
Accuracy	± 5% of indicated value		
Output short-circuit current	Approx. 1.3mA		

Continuity

Measuring ranges	2Ω / 20Ω
Zero Ω adjustment by knob	√
Output short-circuit current	≥ 200 mA
Accuracy	± 1.5% of scale length

AC Voltage

Range	0-600V AC
Accuracy	± 3% of scale length

General

Voltage warning	Warning light from 90Vdc / 70Vac, Buzzer audio indication from 24V ac/dc
Dimensions	221(L) × 110(W) × 57(D)mm
Weight (battery included)	Approx. 600g
Power source	1.5V (AA) Battery × 6
Safety standard	EN 61010-1 CAT III 600V EN 61326-1
Accessories	Instruction manual Test leads Batteries Carry case Hand strap



Hand strap