



Model 8031 IN

Analog (1kV below) Insulation Tester

CE



Accessories

- Instruction manual
- Test leads
- Batteries
- Carry case
- Hand strap

Features

- High quality Taut Band movement.
- Three insulation test voltages(DC) : 250V, 500V, 1000V.
- Two continuity test on “low ohms” : 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 of 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 16 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	≥ 1.0mA

Continuity

Measuring range	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 circuit live lit From 90Vdc / 70Vac, Buzzer beep from 24V ac/dc
Dimensions	221(L) × 110(W) × 56.8(D)mm
Weight (battery included)	Approx. 600g
Power source	1.5V (AA) × 6
Safety standard	EN 61010-1 CAT III 600V, EN 61326-1