

# Analogue (Up to 1kV) Insulation Tester



CE

1131 IN

## FEATURES

- High quality Taut Band movement.
- Three insulation test voltages(DC) : 250V, 500V, 1000V.
- Two ranges for continuity test : 2Ω & 20Ω.
- Compact and lightweight.
- AC voltmeter with linear scale up to 600 Vac.
- 200 mA continuity short circuit current.
- 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.
- BS 16<sup>th</sup> edition.

## SPECIFICATIONS

### Insulation Resistance

Test voltage (DC V)	250V / 500V / 1000V
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Output voltage on open circuit	Rated test voltage +10%
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Measuring ranges	0-100MΩ / 0-200MΩ / 0-400MΩ
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Mid-scale value	1MΩ / 2MΩ / 4MΩ
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Scale multiplier	×1/2 / ×1 / ×2
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Accuracy	± 5% of indicated value
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Output short-circuit current	≥ 1.0mA
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### Continuity

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

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

Voltage warning	Warning light circuit live lit From 90Vdc / 70Vac, Buzzer beep from 24V ac/dc
Battery check	Battery check indicate good batteries from 8.5Vdc to 13Vdc during a load test of 250mA.

Battery OK	Battery OK LED lit from 8.5Vdc and is operative while testing.
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Dimensions	175(L) × 85(W) × 75(D)mm
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Weight (battery included)	Approx. 650g
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Power source	1.5V (AA) × 8
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Safety standard	EN 61010-1 CAT III 600V EN 61326-1
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Accessories	Instruction manual
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Accessories	Test leads Soft pouch Batteries
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