

Analogue Insulation Tester



FEATURES

- High quality Taut Band movement.
- Three insulation test voltages(DC) : 250V, 500V, 1000V.
- Two continuity test on "low ohms" : 3Ω & 500Ω.
- 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 16th edition.

8052 IN

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. 1.2mA | | |

Continuity

| | |
|------------------------------|------------------------|
| Measuring ranges | 3Ω / 500Ω |
| 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 24Vac/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 |
| Accessories | Instruction manual Test leads Batteries Carry case Hand strap |



Hand strap