



### Insulation

Every electrical apparatus and installation need to be safe for the user and for the equipment itself.

Electrical conductors of electricity need to be insulated from each other, so that they do not create electrical hazard or unnecessary consumption.

Badly insulated circuits can create leakage current which can be dangerous and trip your RCD, GFCI, RCCB or ELCB.

Each country regulate those levels at which the insulation is acceptable.

Generally, Insulation resistance measurements are done between each conductor and the earth, and between each conductors.

### Continuity

Checking the continuity of wires, complete circuits, connections, closure of contacts, circuit breakers, fuses, bounding resistance of connections, etc... Are all very important.

### Features:

- 68 x 34mm (1.338" x 2.677") large LCD display.
- Three insulation test voltages (DC V) : 250V, 500V, 1000V.
- External voltage warning indication.
- Automatic circuit discharge.
- Test insulation at rated voltage into a 1mA load.
- 200mA resistance tests short circuit test current.
- AC voltage measurement.
- Fuse protection.
- Timer for test function (count 3~5 minutes).
- Data hold function.
- Auto power off function.
- IEC/EN 61010-1/ BS 16th edition/ CAT III 600V.

### Scope of Supply:

- 1 pc Insulation Tester 92751
- 2 pc Test leads With Crocodile Clamps
- 6 pc Batteries 1.5 V, IEC LR6
- 1 pc Instruction Manual

### Technical Data:

Display 3 1/2 digit; LCD; 1999 Digits

#### Insulation

|              |        |         |                   |
|--------------|--------|---------|-------------------|
| Test Voltage | 250V   | 500V    | 1000V             |
| Auto-Ranges  | 0-20MΩ | 0-200MΩ | 0-2000MΩ          |
| Accuracy     |        |         |                   |
| 20MΩ         |        |         | ± (1.5%rdg+5dgt), |
| 200MΩ        |        |         | ± (2.5%rdg+3dgt), |
| 2000MΩ       |        |         | ± (5%rdg+5dgt)    |

#### AC Voltage

|                              |                  |
|------------------------------|------------------|
| Measuring Ranges/ Resolution | 0-600V/ 1V       |
| Line Frequency Range         | 40-120Hz         |
| Accuracy                     | ± (1.5%rdg+3dgt) |

#### Continuity

|                               |                          |
|-------------------------------|--------------------------|
| Measuring Range (Auto)        | 0 - 20/0 - 200/0 - 2000Ω |
| Open Circuit Terminal Voltage | 4V DC                    |
| Shot Circuit Terminal Current | 200mA /DC                |
| Accuracy                      | ± (1.5%rdg+3dgt)         |
| Buzzer Sounds under           | 10MΩ                     |

#### General

|                       |                                 |
|-----------------------|---------------------------------|
| Power supply          | 6 x 1.5 V, IEC LR6              |
| Dimension             | 205 x 90 x 55mm                 |
| Weight                | approx. 550g (battery included) |
| Safety complying with | IEC 61010/ BS 16th edition      |
| Measurement category  | CAT III / 600 V                 |