



## 5000V DIGITAL INSULATION TESTER

### MODEL: DIT 5000

#### SPECIFICATIONS:

DIT 5000 is a high performance hand held digital insulation tester. It has a safe structural design and a new electronic circuit design with more complete functions, higher accuracy and more convenient and reliable operations. It is suitable for outdoor use. This product is suitable for measuring insulation resistance of various types of electrical equipment and insulation materials such as transformers, motors, cables, switches and electrical appliances. It can also be used for maintenance, testing and verification purposes for various types of electrical equipments.

#### Special Features:

Low power consumption and highly integrated chip design with automatic zero calibration, automatic polarity display and over range indication functions.

OUTPUT VOLTAGE: 500V/1000V/2500V/5000V

Insulation Resistance: 1MΩ - 200GΩ

Short Circuit Current: 1mA

Able to measure AC VOLTAGE below 750V

Measurement Accuracy:

1MΩ - 200MΩ:  $\pm(3\% \times \text{readout value} + 5 \text{ to the digit in the smallest decimal place})$

200MΩ - 10GΩ:  $\pm(5\% \times \text{readout value} + 5 \text{ to the digit in the smallest decimal place})$

10GΩ - 200GΩ :  $\pm(10\% \times \text{readout value} + 5 \text{ to the digit in the smallest decimal place})$

LCD display with backlight; 3½ digits large screen display

LCD display size: 68x55 mm( 35mm character height)

LED indicator for high voltage operation mode

Data hold and function symbol display functionality

Low battery indication.

Power source: 6 x 1.5V AA batteries.

Outer dimensions: 218 x 122 x 75 mm

Weight : approx. 900 gram (including batteries)

Standard Accessories : Set of dedicated test wires, 1.5V AA batteries x 6, User manual , attractive plastic carrying box.



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ABOVE PICTURE SHOWS INSTRUMENT, TESTING LEADS, BATTERIES AND PLASTIC CARRYING BOX

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