



# 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.



**INSTRUMENTS FOR ACCURACY & RELIABILITY**

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## 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: 1M $\Omega$  – 200G $\Omega$
- Short Circuit Current: 1mA
- Able to measure AC VOLTAGE below 750V

## Measurement Accuracy:

- 1M $\Omega$  – 200M $\Omega$ :  $\pm(3\% \times \text{readout value} + 5 \text{ to the digit in the smallest decimal place})$
- 200M $\Omega$  – 10G $\Omega$ :  $\pm(5\% \times \text{readout value} + 5 \text{ to the digit in the smallest decimal place})$
- 10G $\Omega$  – 200G $\Omega$ :  $\pm(10\% \times \text{readout value} + 5 \text{ to the digit in the smallest decimal place})$
- LCD display with backlight; 3½ digits large screen display
- LCD display size: 68 × 55 mm (35mm character height)
- LED indicator for high voltage operation mode
- Data hold and function symbol display functionality
- Low battery indication
- Power source: 6 × 1.5V AA batteries
- Outer dimensions: 218 × 122 × 75 mm
- Weight: approx. 900 gram (including batteries)



## Standard Accessories:

Set of dedicated test wires, 1.5V AA batteries × 6, User manual, attractive plastic carrying box.

