

**Product Name :**  
5 kV Insulation Resistance Tester

**Product Code :**  
CHINAELABC4470011



**Description :**

5 kV Insulation Resistance Tester

**Technical Specification :**

Automatic-microcontroller operated  
Standard test voltages-0.5kV, 1kV, 2.5kV, 5kV  
Resistance range to 1TU  
Continuous digital display on LCM  
Test modes:  
Insulation resistance,  
PI (Polarization Index)  
AR (Dielectric Absorption Ratio)  
(PI and AR automatically calculated)  
High circuit: 3mA  
Visual indication of test voltage and output ON  
Data storage, data recall and real time + calendar data  
Backlit LCM with status and battery condition display  
Power source: Internal re-chargeable battery / AC mains

**Technical Data**

Test Voltage: 0.5 / 1 / 2.5 / 5 kV DC  
Voltage accuracy : +/- 5% of rated value  
I R range: 5 Mohm to 1 Tera ohm  
I R accuracy: - 5MQ-999MS2 :+/-5%rdg +/-3 dgt 1GQ-9.9GQ :+/-5%rdg +/-3 dgt 10GQ-99.9GQ :+/-10%rdg  
+/-3 dgt 100GQ-1TQ :+/-20%rdg

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Test modes: 100GQ-1TQ :+/-20%rdg Insulation resistance (IR) Polarization index (PI) Absorption ratio (DAR)

Functions: Test, save, recall,

Power source: Internal rechargeable battery

Ambient: 5-40 deg C / RH= max 70%

Enclosure: Strong molded cabinet with cover

Applications

Rotating machines

Transformers

Cables

HV Generators

Electrical circuits

Surge Arresters

Transducers

Electrical components

Main Features

Advanced MCP technology

Tests: IR; PI; AR [DAR]

Test Voltages: 0.5-1-2.5-5 kV DC

Insulation range up to 1 Tera Ohms

LCM + LED display of data, status

Built in rechargeable battery

Accessories

Test leads 2 meter long 3 pcs

Earth lead 4 meter long 1 pc

Battery charger 1 pc

Works test certificate 1 pc

Operating manual 1 pc

Optional Accessories

Test leads 10 meter long 3 pcs

Calibration resistance 200 Meg ohm 5 kV 2% 500 Meg ohm 5 kV 2% 10 Giga ohm 5 kV 2% 50 Giga ohm 5 kV 2%



**Engineering Lab China**