

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

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%



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