Insulation Tester

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Description

This is digital high-voltage insulation resistance tester, designed with multiple ranges including 250V, 500V, 1000V, 2500V. It is an ideal measurement meter for electric power, telecommunication, meteorology, machine room, oil field, electromechanical installation and maintenance, and power supply department of Industry and mining enterprise.

Features

- Output voltage range: Up to 2.5KV
- PI/DAR measurement
- Short circuit current measurement
- Automatic leakage current display
- Stepping voltage: 10% of the range
- High voltage alarm
- Automatic discharge
- Data storage: 999 set
- PC software analysis: via USB cable
- Overvoltage category: CAT IV 600V

Specifications

Rated voltage	MP701119
250V	0.25MΩ~4.99GΩ, 5GΩ~24.9GΩ, 25GΩ~100GΩ
500V	<0.5MΩ, 0.5MΩ~9.99GΩ, 10GΩ~49.9GΩ, 50GΩ~200GΩ
1000V	<1MΩ, 1MΩ~19.9GΩ, 20GΩ~99.9GΩ, 100GΩ~400GΩ
2500V	<2.5MΩ, 2.0MΩ~49.9GΩ, 50GΩ~249GΩ, 250GΩ~1TΩ
Capacitance test	NA
Low resistor test	NA
Output voltage (Ratng)	stepping voltage range
250V	350V, 275V, 300V
500V	300V, 350V, 400V, 450V, 500V, 550V, 600V
1000V	500V, 600V, 700V, 800V, 900V, 1000V, 1100V, 1200V
2500V	1250V, 1500V, 1750V, 2000V, 2250V, 2500V
DC voltage	30~1000V DC
AC voltage	30~750V AC 50Hz/60Hz
Current	0.01nA~3.5mA
Short-circuit current	about 3.5mA
PI test	automtic display
DAR test	automatic display
Timing measurement	√
Resistance comparison	√
Monitoring functon	Monitor the voltage of measured object and the discharge state after testing. If voltage is higher than 36V, it is forbidden to test for protecting the tester and the operator

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Timer testng	Record testing tme automatically. Timing range: 0s~99m and 59s
Storage function	999 sets
Data transmission	Upload testing data to computer via USB cable.
Low battery indication	√
Auto power off	N/A
Dimensions	238mm × 166mm × 90.5mm
CAT rating	CAT IV 600V
General Characteristics	
Power supply	8 x LR14 Alkaline battery
Product colour	Black+Red
Product weight	About 1800g (including battery)
Accessories	x1 User manual; x3 Test lead (red, black, green); x1 USB cable; x8 LR14 alkaline batteries; x1 Carrying strap.
Standard package	case + carton
size	238mm × 166mm × 90.5mm (L × W × D)

Part Number Table

Description	Part Number
Insulation Resistance Tester, 2.5kV	MP701119

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