

LV Digital Insulation Tester 1KV | 501A



Economy

501A insulation tester is used to measure the insulation resistance of electrical equipment and household appliances. This is done by measuring the insulation resistance between electrical circuits or between circuits and ground. These are ideal tools for ensuring transformers, generators, high voltage motors, power capacitors, power cables, arresters and other electrical equipment that can operate in a safe and accurate manner.

It is used for insulation resistance measurement for insulation materials and various kinds of electric equipment's such as transformer, electric machines, cables, switches, electrical appliance, an ideal tool for electric maintenance, testing and inspection.

Features :

- 2000 count LCD display, overload indication, backlight
- AC voltage measurement, auto power off
- Auto discharge
- Continuous measurements mode, red warning light and buzzer function

Complies to:
IEC61010-1



Specifications :



Auto Range	√		
Display Count	2000		
Measurements		Range	Accuracy
Insulation Resistance (Ω)	Test Voltages	100V/250V/500V/1000V	0%~10%
	100V	0MΩ~100MΩ	±(3%+5)
	250V	0MΩ~99.9MΩ	±(3%+5)
		100MΩ~5GΩ	±(5%+5)
	500V	0MΩ~99.9MΩ	±(3%+5)
		100MΩ~5GΩ	±(5%+5)
	1000V	0MΩ~99.9MΩ	±(3%+5)
		100MΩ~5GΩ	±(5%+5)
	Load Current	50V (R=50kΩ) 1mA	0%~10%
		100V (R=100kΩ) 1mA	0%~10%
		250V (R=250kΩ) 1mA	0%~10%
		500V (R=500kΩ) 1mA	0%~10%
		1000V (R=1MΩ) 1mA	0%~10%
Short Circuit Current	—		<2mA
AC Voltage (V)	30V~750V		±(2%+3)
Other Features			
Low Battery Indication	√		
LCD Backlight/Light Alarm	√		
Buzzer Alarm/High Voltage Indication	√		
Overload Indication/Auto Discharge	√		
Test Voltage Secondary Display	√		
Category Safety Ratings	CAT III 600V		
General Characteristics			
Power	1.5V Battery (LR6) x 6		
Display	70.6mm x 34mm		
Product Net Weight	500g		
Product Size	150mm x 100mm x 71mm		
Standard Accessories	Batteries, Test Leads, Alligator Clips, Gallus		



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