UT501A Insulation Resistance Tester

UT500 series insulation testers are 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. UT500 series can measure insulation resistance, AC Voltage, low resistance, PI (Polarization Index) and DAR (Dielectric Absorption). These are ideal tools for ensuring transformers, genera-tors, high voltage motors, power capacitors, power cables, arresters and other electrical equipment that can operate in a safe and accurate manner.

Applications:

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

Specifications		Range	UT501A
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)
Features			
Display count			2000
Auto range/Low battery indication			√
LCD backlight/Light alarm			√
Buzzer alarm/High voltage indication			√
Over load indication/Auto discharge			√
Test voltage secondary display			√
10MΩ internal resistance test			√

General Characterisitics	
Power	1.5V battery (LR6) x 6
Display	70.6mm x 34mm
Product color	Red and grey
Product net weight	500g
Product size	150mm x 100mm x 71mm
Standard accessories	Batteries, test leads, alligator clips, gallus
Standard individual packing	Gift box, carrying bag, English manual
Standard quantity per carton	20pcs
Standard carton measurement	500mm x 380mm x 330mm (0.063 CBM per standard carton)
Standard carton gross weight	17.7kg