

UT502A Insulation Resistance Tester

UT500 series adopts latest design and very large-scale integration and digital circuits, combined with measurement functions of insulation resistance, DC voltage, AC voltage. It has advantages such as high precision, stable performance and simple operation. It is used for insulation resistance measurement of various electrical equipment and insulation materials, such as transformers, motors, cables, switches, electrical appliances.



Technical Specifications:

Specifications	Range		Accuracy
Model			UT502A
Insulation Resistance (Ω)	Test Voltage	500V/1000V/2500V	0%~10%
	2500V	0.00M Ω ~ 99.9M Ω	$\pm(3\%+5)$
		100M Ω ~ 9.9G Ω	$\pm(5\%+5)$
		10.0G Ω ~ 20.0G Ω	$\pm(10\%+5)$

		500V(R=500k Ω) 1mA	0%~10%
	Load Current	1000V(R=1M Ω) 1mA	0%~10%
		2500V(R=2.5M Ω) 1mA	0%~10%
		Short Circuit Current	
Low Resistance (Ω)	Test	About 5.0V	$\pm(2\%+3)$
	Voltage	0.00 Ω ~200 Ω	
	Maximum Voltage	>200mA	
AC Voltage (V)	30V ~ 750V		$\pm(2\%+3)$
Features			
DAR			√
PI			√
Auto Range			√
Low Battery Indication			√
LCD Backlight			√
Alarm Indication			√
Alarm Buzzer			√
High Voltage Indication			√
Overload Indication			√
Auto Discharge			√
Test Voltage Vice Display			√
10M Ω Internal Resistance Test			
General Characteristics			

Power	1.5V Alkaline Batteries (5#) x 6
LCD Size	70.6mm X 34mm
Product Color	Red and Grey
Product Weight	500g
Product Size	150mm X 100mm X 71mm
Standard Accessories	Test Lead, Probe, Alligator Clip, Batteries, Carrying Bag, Gallus
Standard Individual Packing	Gift Box, User Manual
Standard Quantity Per Carton	20pcs
Standard Carton Measurement	500mm X 380mm X 330mm
Standard Carton Gross Weight	10.5kg