

UT500 series digital insulation resistance testers, with their new design, large scale integrated circuit and digital circuit, are utilized to measure insulation resistance, alternating voltage and other parameters. This series of testers have features of complete functions, high accuracy, stable performances, comfortable and reliable operation. The tester is used in maintenance, test and verification for various electrical equipment and is applicable to measure insulation resistance of transformer, motor, cable, switch, electric appliances, etc.



UT501C



UT502C

Specifications	Output Voltage	Measurement Range	UT501C	UT502C
Insulation resistance	100V	0.00MΩ~100MΩ	√	
	250V	0.00MΩ~500MΩ	√	√
	500V	0.00MΩ~2.00GΩ	√	√
	1000V	0.00MΩ~5.00GΩ	√	√
	2500V	0.00MΩ~20.0GΩ		√
Insulation resistance accuracy		0.00MΩ~99.9MΩ: ±(3%+5)	√	
		100MΩ~5.00GΩ: ±(5%+5)		
		0.00MΩ~99.9MΩ: ±(3%+5)		
		100MΩ~9.99GΩ: ±(5%+5)		√
		10.0GΩ~20.0GΩ: ±(10%+5)		
Voltage measurement range	AC: 30V~750V (50Hz/60Hz), ±(2%+3)			
Short-circuit current	<2mA			
Powered by	Adapter (optional, without charging function) 6 x 1.5V AA alkaline batteries			
Auto power off	√			
Self-lock function	√			
Low battery indication	√			
Data hold	√			
Auto discharge	√			
Audible and visual alarm	√			
Overrange indication	√			
Backlight function	√			
Altitude	≤2000 m			
Operating temperature and humidity	0°C~35°C, <75% RH			
Storage temperature and humidity	-20°C~60°C, <80% RH			
Rating	CAT III 600V			

Characteristics	
Product color	Red + grey
Product weight(include batteries)	0.6kg
Product size	183.5mm x 115mm x 74mm
Accessories	User manual; test lead; alligator, strap, 1.5V AA batteries
Standard package	Gift box+ cloth bag
Package quantity	Outer carton: 20pcs
Package size	345 x 335 x 245mm

