

UNI-T®

UT500 SERIES Insulation Resistance Testers UT501A / UT501B (New)



EN 61010-1
EN 61010-2-030
EN 61326-1



■ UT501A



■ UT501B

SPECIFICATIONS



Specifications	Range	Best Accuracy		
Model		UT501A	UT501B	
Insulation Resistance(Ω)	Test Voltages	100V/250V/500V/1000V 250V/500V/1000V	0%~10%	0%~10%
	100V	0.00MΩ~100MΩ	±(3%+5)	±(3%+5)
	250V	0.00MΩ~99.9MΩ 100MΩ~5.5GΩ	±(3%+5) ±(5%+5)	±(3%+5) ±(5%+5)
	500V	0.00MΩ~99.9MΩ 100MΩ~5.5GΩ	±(3%+5) ±(5%+5)	±(3%+5) ±(5%+5)
	1000V	0.00MΩ~99.9MΩ 100MΩ~5.5GΩ	±(3%+5) ±(5%+5)	±(3%+5) ±(5%+5)
	Load Current	50V(R=50kΩ) 1mA	0%~10%	0%~10%
		100V(R=100kΩ) 1mA	0%~10%	0%~10%
		250V(R=250kΩ) 1mA	0%~10%	0%~10%
		500V(R=500kΩ) 1mA 1000V(R=1MΩ) 1mA	0%~10%	0%~10%
	Short Circuit Current		<2mA	<2mA
Low Resistance (Ω)	0.01Ω~200Ω (about 5.0V/>200mA)		±(2%+3)	
AC Voltage (V)	30V~750V	±(2%+3)		
	30V~600V		±(2%+3)	
Features				
Display Count		2000	2000	
DAR	60s/15s and 60s/30s		✓	
PI			✓	
Auto Range		✓	✓	
Low Battery Indication		✓	✓	
LCD Backlight		✓	✓	
Alarm Indication		✓	✓	
Alarm Buzzer		✓	✓	
High Voltage Indication		✓	✓	
Over Load Indication		✓	✓	
Auto Discharge		✓	✓	
Test Voltages Vice Display		✓	✓	
10MΩ Internal Resistance Test		✓	✓	

GENERAL CHARACTERISTICS

Power	1.5V Batteries(LR6) × 6
LCD Size	70.6mm × 34mm
Product Color	Red and Gray
Product Net Weight	500 g
Product Size	150mm × 100mm × 71mm
Standard Accessories	Batteries, Probe, Alligator Clip, Test Lead, Gallus
Standard Individual Packing	Gift Box, Carrying Bag, English Manual
Standard Quantity Per Carton	20 PCs
Standard Carton Measurement	500mm × 380mm × 330mm (0.063 CBM Per Standard Carton)
Standard Carton Gross Weight	10.5 Kg