

UNI-T®

UT500 SERIES

Insulation Resistance Testers

UT501A / UT501B / UT502A



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



■ UT501A



■ UT501B



■ UT502A

SPECIFICATIONS



Specifications		Range		Best Accuracy		
Model				UT501A	UT501B	UT502A
Insulation Resistance(Ω)	Test Voltages	100V/250V/500V/1000V		0%~10%		
		250V/500V/1000V			0%~10%	
		500V/1000V/1000V				0%~10%
	100V	0.00MΩ~100MΩ	±(3%+5)			
	250V	0.00MΩ~99.9MΩ	±(3%+5)	±(3%+5)	±(3%+5)	
		100MΩ~5.0GΩ	±(5%+5)	±(5%+5)	±(5%+5)	
	500V	0.00MΩ~99.9MΩ	±(3%+5)	±(3%+5)	±(3%+5)	±(3%+5)
		100MΩ~5.0GΩ	±(5%+5)	±(5%+5)	±(5%+5)	±(5%+5)
	1000V	0.00MΩ~99.9MΩ	±(3%+5)	±(3%+5)	±(3%+5)	±(3%+5)
		100MΩ~5.0GΩ	±(5%+5)	±(5%+5)	±(5%+5)	±(5%+5)
	2500V	0.00MΩ~99.9MΩ				±(3%+5)
		100MΩ~9.9GΩ				±(5%+5)
		10.0GΩ~20.0GΩ				±(10%+5)
	Load Current	50V(R=50kΩ) 1mA	0%~10%	0%~10%	0%~10%	0%~10%
		100V(R=100kΩ) 1mA	0%~10%	0%~10%	0%~10%	0%~10%
250V(R=250kΩ) 1mA		0%~10%	0%~10%	0%~10%	0%~10%	
500V(R=500kΩ) 1mA		0%~10%	0%~10%	0%~10%	0%~10%	
1000V(R=1MΩ) 1mA		0%~10%	0%~10%	0%~10%	0%~10%	
2500V(R=1MΩ) 1mA					0%~10%	
Short Circuit Current		<2mA	<2mA	<2mA		
Low Resistance (Ω)		0.01Ω~200Ω (about 5.0V/>200mA)		±(2%+3)	±(2%+3)	
AC Voltage (V)		30V~750V	±(2%+3)			
		30V~600V		±(2%+3)	±(2%+3)	
Features						
Display Count			2000	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, English Manual
Standard Quantity Per Carton	20 PCs
Standard Carton Measurement	500mm × 380mm × 330mm (0.063 CBM Per Standard Carton)
Standard Carton Gross Weight	18.5 Kg