

UT510 SERIES Insulation Resistance Testers

UT511 / UT512 / UT513A

UNI-T®



(UT511 only)

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



■ UT511



■ UT512



■ UT513A

SPECIFICATIONS



Specifications	Range	UT511	UT512	UT513A	
Insulation Resistance(Ω)	Model				
	Test Voltages	100V/250V/500V/1000V	0%~10%		
		500V/1000V/1500V/2500V		0%~20%	
		500V/1000V/2500V/5000V			0%~20%
	100V	0.1MΩ~500MΩ	±(3%+5)		
		250V	0.5MΩ~2GΩ	±(3%+5)	
	500V	1MΩ~4GΩ	±(3%+5)		
		0.5MΩ~5GΩ		±(3%+5)	
		0.5MΩ~20GΩ			±(3%+5)
	1000V	2MΩ~10GΩ	±(3%+5)	±(3%+5)	
		1.0MΩ~40GΩ			±(3%+5)
	1500V	5MΩ~20GΩ		±(3%+5)	
		10MΩ~100GΩ		±(3%+5)	
	2500V	2.5MΩ~100GΩ			±(3%+5)
5000V		5.0MΩ~1000GΩ		±(3%+5)	
Short Circuit Current		<2mA	<1.8mA	<3.5mA	
DC Voltage (V)	1000V	±(2%+3)			
	600V		±(2%+5)	±(2%+3)	
AC Voltage (V)	750V	±(2%+3)			
	600V		±(2%+5)	±(2%+3)	
Low Resistance (Ω)	0.1Ω~999.9Ω	±(1%+3)			
Features					
Auto Range		✓	✓	✓	
Auto Power Off		✓	✓	✓	
Secondary Display				✓	
Low Battery Indication		✓	✓	✓	
Data Storage		18	18	18	
Comparison		✓	✓	✓	
Polarization Index(PI)		✓	✓	✓	
Dielectric Absorption (DAR)		✓	✓	✓	
USB Interface			✓	✓	
LCD Backlight		✓	✓	✓	
Analogue Bar Graph		30	30	30	
Over Range Warning		✓	✓	✓	
High Voltage Indication		✓	✓	✓	
Timer	Around 30 minutes	✓			
	Around 15 minutes		✓	✓	

GENERAL CHARACTERISTICS

Power	1.5V Batteries(LR14)×8
LCD Size	123mm × 58mm
Product Color	Red and Gray
Product Net Weight	UT511-1.2 Kg, UT512-1.8 Kg, UT513A-2 Kg
Product Size	202mm×155mm×94mm
Standard Accessories	UT511-2PCs of one plug test lead to one alligator clip(Black and Green), 1 PC of two-plugs test lead to one alligator clip(Red), Batteries
	UT512/UT513A-2PCs of one plug test lead to one alligator clip(Black and Green), 1 P of two plugs test lead to one alligator clip(Red), Batteries, USB Cable, PC Software CD, Power Adaptor
Standard Individual Packing	Gift Box, Tool Box, English Manual
Standard Quantity Per Carton	4 PCs
Standard Carton Measurement	505mm × 345mm × 345mm (0.060CBM Per Standard Carton)
Standard Carton Gross Weight	UT511-14 Kg, UT512-16.9 Kg, UT513A-18.5 Kg
Optional Accessories	Power Adaptor(UT511 only)