

UNI-T® UT510 SERIES

Insulation Resistance Testers

UT511 ■ UT512 ■ UT513



EN:61010-1

EN:61326-1



■ UT511



■ UT512



■ UT513

SPECIFICATIONS

Specifications	Range	Best Accuracy			
		UT511	UT512	UT513	
Model					
Test Voltage	100V/250V/500V/1000V	0%~20%			
	500V/1000V/1500V/2500V 500V/1000V/2500V/5000V	0%~20%			
Insulation Resistance (Ω)	100V 0.1MΩ~500MΩ	±(3%+5)			
	250V 0.5MΩ~2GΩ	±(3%+5)			
	500V 1MΩ~4GΩ	1MΩ~4GΩ	±(3%+5)		
		1MΩ~5GΩ	±(3%+5)		
	1000V 2MΩ~10GΩ	1MΩ~20GΩ	±(3%+5)		
		2MΩ~10GΩ	±(3%+5)		
	1500V 5MΩ~20GΩ	2MΩ~40GΩ	±(3%+5)		
		5MΩ~20GΩ	±(3%+5)		
	2500V 10MΩ~100GΩ	10MΩ~100GΩ	±(3%+5)		
		5MΩ~100GΩ	±(3%+5)		
5000V 10MΩ~1000GΩ	10MΩ~1000GΩ	±(3%+5)			
	Short Circuit Current	<2mA	<1.8mA	<1.8mA	
DC Voltage (V)	1000V	±(2%+3)			
	600V	±(2%+5)			
AC Voltage (V)	750V	±(2%+3)			
	600V	±(2%+5)			
Low Resistance (Ω)	0.1Ω~999.9Ω	±(1%+3)			
Features					
Display Count		9999	9999	9999	
Auto Range		✓	✓	✓	
Auto Power Off		✓	✓	✓	
Low Battery Indication		✓	✓	✓	
Data Logging		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 Alkaline Batteries (LR14) ×8
LCD Size	123mm × 58mm
Product Color	Red and Grey
Product Net Weight	UT511-1.2kg, UT512-1.8kg, UT513-2kg,
Product Size	202mm × 155mm × 94mm
Standard Accessories	UT511-2PCs of One Plug Test Lead to One Alligator Clip(Black and Green), 1PC of Two Plugs Test Lead to One Alligator Clip(Red), Batteries, Tool Box
	UT512/UT513-2PCs of One Plug Test Lead to One Alligator Clip(Black and Green), 1PC of Two Plugs Test Lead to One Alligator Clip(Red), Batteries, Tool Box, USB Cable, PC Software CD, Power Adaptor
Standard Individual Packing	Gift Box, English Manual
Standard Quantity Per Carton	4PCs
Standard Carton Measurement	525mm × 335mm × 345mm (0.061CBM Per Standard Carton)
Standard Carton Cross Weight	UT511-13kg, UT512-18kg, UT513-19kg
Optional Accessories	Power Adaptor (UT511 only)