



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



■ UT511



■ UT512



■ UT513A

SPECIFICATIONS



Specifications	Range	Best Accuracy			
		UT511	UT512	UT513A	
Model					
Insulation Resistance(Ω)	Test Voltages	100V/250V/500V/1000V 500V/1000V/1500V/2500V 500V/1000V/2500V/5000V	0%~20%	0%~20%	0%~20%
	100V	0.1M Ω ~500M Ω	$\pm(3\%+5)$		
	250V	0.5M Ω ~2G Ω 1M Ω ~4G Ω	$\pm(3\%+5)$ $\pm(3\%+5)$		
	500V	1M Ω ~5G Ω 0.0M Ω ~20G Ω		$\pm(3\%+5)$	$\pm(3\%+5)$
	1000V	2M Ω ~10G Ω 0.0M Ω ~40G Ω	$\pm(3\%+5)$	$\pm(3\%+5)$	$\pm(3\%+5)$
	1500V	5M Ω ~20G Ω		$\pm(3\%+5)$	
	2500V	10M Ω ~100G Ω		$\pm(3\%+5)$	
	5000V	0.0M Ω ~100G Ω 0.0M Ω ~1000G Ω			$\pm(3\%+5)$ $\pm(3\%+5)$
	Short Circuit Current		<2mA	<1.8mA	<3.5mA
	DC Voltage (V)	1000V 600V	$\pm(2\%+3)$	$\pm(2\%+5)$	$\pm(2\%+3)$
AC Voltage (V)	750V 600V	$\pm(2\%+3)$	$\pm(2\%+5)$	$\pm(2\%+3)$	
Low Resistance (Ω)	0.1 Ω ~999.9 Ω	$\pm(1\%+3)$			
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	UT511-1.2Kg, UT512-1.8Kg, UT513A-2Kg
Product Size	202mm×155mm×94mm
Standard Accessories	UT511-2PCs of one plug test lead to one alligator clip(Black and Green), 1 PC of twoplugs 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	525mm × 335mm × 345mm (0.061CBM Per Standard Carton)
Standard Carton Gross Weight	UT511-13Kg, UT512-18Kg, UT513A-19Kg
Optional Accessories	Power Adaptor(UT511 only)