

SPECIFICATIONS

	Range	UT511	UT512 UT512A	UT513A	
Insulation resistance (Ω)	Test voltages	100V~1000V	0%~10%		
		500V~2500V		0%~20%	
		500V~5000V		0%~20%	
	100V	0.1M Ω ~500M Ω	$\pm(3\%+5)$		
	250V	0.5M Ω ~2G Ω	$\pm(3\%+5)$		
	500V	1M Ω ~4G Ω	$\pm(3\%+5)$		
		0.5M Ω ~5G Ω		$\pm(3\%+5)$	
		0.5M Ω ~20G Ω			$\pm(3\%+5)$
	1000V	2M Ω ~10G Ω	$\pm(3\%+5)$	$\pm(3\%+5)$	
		1M Ω ~40G Ω			$\pm(3\%+5)$
1500V	5M Ω ~20G Ω		$\pm(3\%+5)$		
2500V	2.5M Ω ~100G Ω		$\pm(3\%+5)$	$\pm(3\%+5)$	
	10M Ω ~100G Ω		$\pm(3\%+5)$		
5000V	5M Ω ~1000G Ω			$\pm(3\%+5)$	
DC voltage (V)	1000V		$\pm(2\%+3)$		
	600V		$\pm(2\%+5)$	$\pm(2\%+3)$	
AC voltage (V)	750V	$\pm(2\%+3)$			
	600V		$\pm(2\%+5)$	$\pm(2\%+3)$	
Short-circuit current		<2mA	<1.8mA	>3mA	
Low resistance (Ω)	0.1 Ω ~999.9 Ω	$\pm(1\%+3)$			
Features					
Auto range/Auto power off		√	√	√	
Test voltage secondary display				√	
Low battery indication		√	√	√	
Data storage		18	18	18	
Comparison measurement		√	√	√	
Polarization index (PI)		√	√	√	
Dielectric absorption ratio (DAR)		√	√	√	
USB interface			√	√	
Analog bar graph		30	30	30	
LCD backlight		√	√	√	
Over-range warning		√	√	√	
High voltage indication		√	√	√	
Timing measurement	Around 30 minutes	√			
	Around 15 minutes		√	√	
Meets IEC 61557	UT512A/UT513A: 61557-1:2007; 61557-2:2007				



● UT513A

GENERAL CHARACTERISTICS

Power	1.5V battery (LR14) x 8
Display	123mm x 58mm
Product color	Red and grey
Product net weight	UT511: 1.2kg; UT512/UT512A: 1.8kg; UT513A: 2kg
Product size	202mm x 155mm x 94mm
Standard accessories	2pcs of one plug test lead to one alligator clip (black and green), 1pcs of two plugs test lead to one alligator clip (red), batteries, USB cable (UT512/UT512A/UT513A), PC software CD (UT512/UT512A/UT513A), power adaptor (UT512/UT512A/UT513A)
Standard individual packing	Gift box, tool box, English manual
Standard quantity per carton	4pcs
Standard carton measurement	505mm x 345mm x 345mm
Standard carton gross weight	UT511: 13.4kg; UT512/UT512A: 15.9kg; UT513A: 18.9kg
Optional accessories	Power adaptor (UT511)