



UT511 Insulation Resistance Tester

UT510 series testers can measure insulation resistance of large transformers, generators, high-voltage motors and more. UT510 series can also measure PI, DAR and other important

specifications. Measured data can then be analyzed through PC software. UT513A can produce test voltage up to 5kV.

Specifications		Range	UT511
Insulation resistance (Ω)	Test voltages	100V~1000V	0%~10%
	100V	0.1M Ω ~500M Ω	$\pm(3\%+5)$
	250V	0.5M Ω ~2G Ω	$\pm(3\%+5)$
	500V	1M Ω ~4G Ω	$\pm(3\%+5)$
	1000V	2M Ω ~10G Ω	$\pm(3\%+5)$
DC voltage (V)	1000V		$\pm(2\%+3)$
AC voltage (V)	750V		$\pm(2\%+3)$
Short-circuit current			<2mA
Low resistance (Ω)	0.1 Ω ~999.9 Ω		$\pm(1\%+3)$
Features			
Auto range/Auto power off			√
Low battery indication			√
Data storage			18
Comparison measurement			√
Polarization index (PI)			√
Dielectric absorption ratio (DAR)			√
Analog bar graph			30
LCD backlight			√
Over-range warning			√
High voltage indication			√
Timing measurement	Around 30 minutes		√
General Characteristics			
Power	1.5V battery (LR14) x 8		
Display	123mm x 58mm		
Product color	Red and grey		
Product net weight	1.2kg		
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
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	13.4kg
Optional accessories	Power adaptor