

UT510 Series Insulation Resistance Testers

UT510 series testers measure insulation resistance of large transformers, generators, high-voltage motors and more. They can also measure PI, DAR and other important specifications. Measured data can then be analyzed through PC software. UT513A produces test voltage up to 5kV.

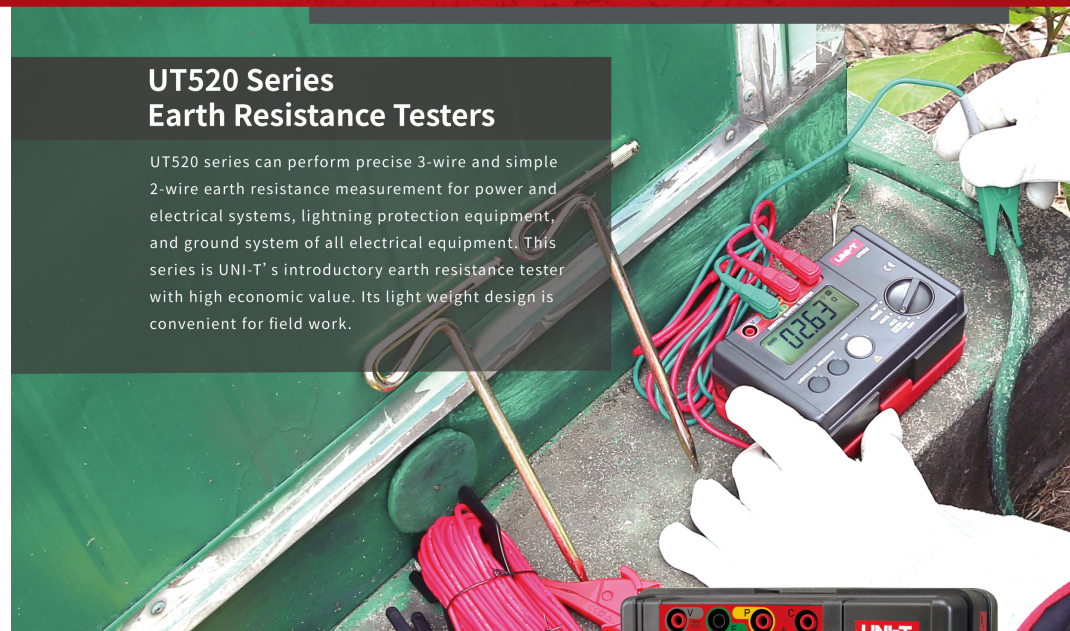


- Large 9999 display with 30-segment analog bar graph
- PI/DAR measurements
- Comparison, upper and lower limit functions
- Continuous measurement mode
- Auto power off
- 18-group data storage
- Backlight
- Auto current discharge and high-voltage output alarm
- Power adapter (UT512/513A)
- Timer measurement mode, auto measure within 15 minutes
- USB interface and PC software (UT512/513A)
- Low battery and over range indications

Model	UT511	UT512	UT513A
Test voltage	100V/250V/500V/1000V	500V/1000V/1500V/2500V	500V/1000V/2500V/5000V
Test voltage accuracy	0%~10%	0%~20%	
Insulation resistance	0.1MΩ~10GΩ	0.5MΩ~100GΩ	0.5MΩ~1000GΩ
Resistance accuracy	±(3%+5)		
Short-circuit current	<2mA	Around 1.5mA~1.8mA	Around >3.5mA
DC voltage	1000V	600V	
AC voltage	750V	600V	
Low resistance	0.1Ω~999.9Ω	—	
Testing range	Auto		
Testing time	Around 30min	Around 15min	
Output voltage secondary display	—		√
General Characteristics			
Product net weight	1.2kg	1.8kg	2kg
Product size (W×H×D)	202mm x 155mm x 94mm		
Standard accessories	UT511 -2pcs of one plug test lead to one alligator clip (black and green), 1 pcs 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 pcs 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	4pcs		
Standard carton measurement	505mm x 345mm x 345mm		
Standard carton gross weight	14kg	16.9kg	18.5kg

UT520 Series Earth Resistance Testers

UT520 series can perform precise 3-wire and simple 2-wire earth resistance measurement for power and electrical systems, lightning protection equipment, and ground system of all electrical equipment. This series is UNI-T's introductory earth resistance tester with high economic value. Its light weight design is convenient for field work.



- Over range indication, test lead connection alarm
- TEST button for fast capture of measurement values
- 20-group data storage/recall
- Backlight
- Data hold
- Auto power off/battery check
- Earth voltage measurement

Model	UT521	UT522
Earth resistance (accuracy)	0Ω~2000Ω (±2%+3)	0Ω~4000Ω (±2%+3)
Resolution	0.01Ω	
Test signal voltage range	44Vac~52Vac	
Test signal frequency range	815Hz~845Hz	
AC earth voltage (frequency)	0V~200V (50Hz/60Hz)	0V~400V (50Hz/60Hz)
Display count	2000	4000
General Characteristics		
Product net weight	560g	
Product size (W×H×D)	160mm x 100mm x 70.5mm	
Standard accessories	Simple test leads with alligator clips, standard test leads, auxiliary earth stakes, batteries, carrying bag	
Standard individual packing	Gift box, English manual	
Standard quantity per carton	8pcs	
Standard carton measurement	530mm x 300mm x 350mm	
Standard carton gross weight	19.8kg	