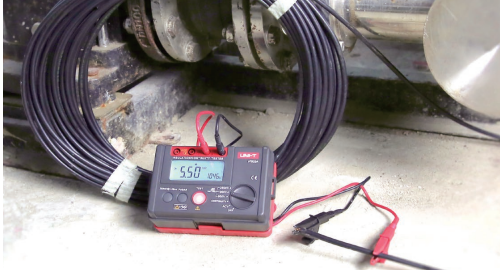


UT500 SERIES

Insulation Resistance Testers



● UT502A

- Auto range
- Low battery indication
- LCD backlight
- Light alarm
- Buzzer alarm
- High voltage indication
- Over load indication
- Auto discharge
- Test voltage secondary display
- 10MΩ internal resistance test

Test Voltage	Insulation resistance (Ω)	UT501A	UT501B	UT502A
Certificates	CE, RoHS			
100V	0MΩ-100MΩ	±(3%+5)		
250V	0MΩ-99.9MΩ 100MΩ-5GΩ	±(3%+5) ±(5%+5)	±(3%+5) ±(5%+5)	
500V	0MΩ-99.9MΩ 100MΩ-5GΩ	±(3%+5) ±(5%+5)	±(3%+5) ±(5%+5)	±(3%+5) ±(5%+5)
1000V	0MΩ-99.9MΩ 100MΩ-5GΩ	±(3%+5) ±(5%+5)	±(3%+5) ±(5%+5)	±(3%+5) ±(5%+5)
2500V	0MΩ-99.9MΩ 100MΩ-9.9GΩ 10GΩ-20GΩ			±(3%+5) ±(5%+5) ±(10%+5)
Test voltage accuracy	100V/250V/500V/1000V	0%-10%	0%-10%	0%-10%
Short-circuit current		<2mA	<2mA	<2mA
AC voltage (V)	30V-750V	±(2%+3)	±(2%+3)	±(2%+3)
Display count		2000	2000	2000
DAR	60s/15s and 60s/30s		v	v
PI			v	v
Meets IEC 61557	61557-1:2007; 61557-2:2007; 61557-4:2007 (UT502A only)			
Category ratings	CAT III 600V; CAT II 1000V (UT501A only)			
GENERAL CHARACTERISTICS				
Power	1.5V battery (LR6) x 6			
Display	70.6mm x 34mm			
Product net weight	500g			
Product size	150mm x 100mm x 71mm			
Standard accessories	Batteries, test leads, alligator clips, elastic strap, test probes (UT502A), English manual			
Standard individual packing	Gift box, carrying bag			
Standard quantity per carton	20pcs			
Standard carton measurement	500mm x 380mm x 330mm			
Standard carton gross weight	UT501A: 17.7kg; UT501B: 20.9kg; UT502A: 18.9kg			

UT510 SERIES

Insulation Resistance Testers

- Auto range/auto power off
- Low battery indication
- Comparison measurement
- Polarization index (PI)
- Dielectric absorption ratio (DAR)
- LCD backlight
- Over-range warning
- High voltage indication
- Data storage: 18
- Analog bar graph: 30



● UT513A

Test Voltage	Insulation resistance (Ω)	UT511	UT512/UT512A	UT513A
Certificates (UT511/512A/513A only)				
100V	0.1MΩ-500MΩ	±(3%+5)		
250V	0.5MΩ-2GΩ	±(3%+5)		
500V	1MΩ-4GΩ 0.5MΩ-5GΩ 0.5MΩ-20GΩ	±(3%+5)	±(3%+5)	±(3%+5)
1000V	2MΩ-10GΩ 1MΩ-40GΩ	±(3%+5)	±(3%+5)	±(3%+5)
1500V	5MΩ-20GΩ		±(3%+5)	
2500V	2.5MΩ-100GΩ 10MΩ-100GΩ		±(3%+5)	±(3%+5)
5000V	5MΩ-1000GΩ			±(3%+5)
DC voltage (V)	1000V 600V	±(2%+3)		
AC voltage (V)	750V 600V	±(2%+3)	±(2%+5)	±(2%+3)
Test voltage accuracy		0%-10%	0%-20%	0%-20%
Short-circuit current		<2mA	<1.8mA	>3mA
Low resistance (Ω)	0.1Ω-999.9Ω	±(1%+3)		
Test voltage secondary display			v	v
USB interface			v	v
Timing measurement	Around 30 minutes Around 15 minutes	v	v	v
IEC 61557	UT512A/UT513A: 61557-1:2007; 61557-2:2007			
Category ratings	CAT III 600V; CAT II 1000V (UT511 only)			
GENERAL CHARACTERISTICS				
Power	1.5V battery (LR14) x 8			
Display	123mm x 58mm			
Product net weight	500g			
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), power adaptor (UT512/UT512A/UT513A), English manual			
Standard individual packing	Gift box, tool box			
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)			