

UT500 SERIES

Insulation Resistance Testers



UT500 Series insulation resistance testers are portable and compact, the output voltage are 1000V(UT502A: 2500V), they can measure the insulation resistance of the electrical cable, low power motor. some other on-site applications.

Product Highlights:

- ◆ 2000 count LCD display
- ◆ PI & DAR measurement
- ◆ Auto discharge
- ◆ AC voltage measurement
- ◆ Continuous & Low resistance
- ◆ Audible & Visible alarm



UT502A

CAT III 600V

All the models in this page share the same mold.

Test Voltage	Insulation resistance (Ω)	UT501A	UT501B	UT502A
100V	0M Ω ~100M Ω	$\pm(3\%+5)$		
250V	0M Ω ~99.9M Ω 100M Ω ~5G Ω	$\pm(3\%+5)$ $\pm(5\%+5)$	$\pm(3\%+5)$ $\pm(5\%+5)$	
500V	0M Ω ~99.9M Ω 100M Ω ~5G Ω	$\pm(3\%+5)$ $\pm(5\%+5)$	$\pm(3\%+5)$ $\pm(5\%+5)$	$\pm(3\%+5)$ $\pm(5\%+5)$
1000V	0M Ω ~99.9M Ω 100M Ω ~5G Ω 100M Ω ~5.5G Ω	$\pm(3\%+5)$ $\pm(5\%+5)$	$\pm(3\%+5)$ $\pm(5\%+5)$	$\pm(3\%+5)$ $\pm(5\%+5)$
2500V	0M Ω ~99.9M Ω 100M Ω ~9.9G Ω 10G Ω ~20G Ω			$\pm(3\%+5)$ $\pm(5\%+5)$ $\pm(10\%+5)$
Test voltage accuracy	100V/250V/500V/1000V	0%~10%	0%~10%	0%~10%
Short-circuit current		<2mA	<2mA	<2mA
AC voltage (V)	30V~600V 30V~750V	$\pm(2\%+3)$	$\pm(2\%+3)$	$\pm(2\%+3)$
Display count		2000	2000	2000
DAR	60s/15s and 60s/30s		$\sqrt{}$	$\sqrt{}$
PI			$\sqrt{}$	$\sqrt{}$
Meets IEC 61557	61557-1:2007; 61557-2:2007; 61557-4:2007 (UT502A only)			
Overvoltage category	CAT III 600V			

Characteristics

Standard accessories	Batteries, test leads, alligator clips, elastic strap, test probes (UT502A), English manual
Power	1.5V battery (LR6) x 6
Display	70.6 x 34mm
Product size	150 x 100 x 71mm
Product net weight	500g
Standard individual packing	Gift box, carrying bag
Standard quantity per carton	20pcs
Standard carton measurement	500 x 380 x 330mm
Standard carton gross weight	UT501A: 17.7kg; UT501B: 20.9kg; UT502A: 18.9kg

