

UT500 SERIES INSULATION RESISTANCE TESTERS



● UT502A

	Range	UT501A	UT501B	UT502A
Insulation resistance (Ω)				
Test voltages	100V/250V/500V/1000V 250V/500V/1000V 500V/1000V/2500V	0%~10%	0%~10%	0%~10%
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	\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)
Load current	50V (R=50k Ω) 1mA 100V (R=100k Ω) 1mA 250V (R=250k Ω) 1mA 500V (R=500k Ω) 1mA 1000V (R=1M Ω) 1mA 2500V (R=1M Ω) 1mA	0%~10% 0%~10% 0%~10% 0%~10% 0%~10%	0%~10% 0%~10% 0%~10% 0%~10% 0%~10%	0%~10% 0%~10% 0%~10% 0%~10% 0%~10%
Short-circuit current		<2mA	<2mA	<2mA
Low resistance (Ω)	0.01 Ω ~200 Ω (about 5.0V/>200mA)			
AC voltage (V)	30V~750V	\pm (2%+3)	\pm (2%+3)	\pm (2%+3)
Features				
Display count		2000	2000	2000
DAR	60s/15s and 60s/30s		√	√
PI			√	√
Auto range/Low battery indication		√	√	√
LCD backlight/Light alarm		√	√	√
Buzzer alarm/High voltage indication		√	√	√
Over load indication/Auto discharge		√	√	√
Test voltage secondary display		√	√	√
10M Ω internal resistance test		√	√	√
Meets IEC 61557	61557-1:2007; 61557-2:2007; 61557-4:2007 (UT502A only)			
Power	1.5V battery (LR6) x 6			
Display	70.6mm x 34mm			
Product color	Red and grey			
Product net weight	500g			
Product size	150mm x 100mm x 71mm			
Standard accessories	Batteries, test leads, alligator clips, elastic strap, test probes (UT502A)			
Standard individual packing	Gift box, carrying bag, English manual			
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			