



SPECIFICATIONS

	Range	UT501A	UT501B	UT502A	
Insulation resistance (Ω)	Test voltages	100V/250V/500V/1000V	0%~10%		
		250V/500V/1000V		0%~10%	
		500V/1000V/2500V		0%~10%	
	100V	0M Ω ~100M Ω	\pm (3%+5)		
	250V	0M Ω ~99.9M Ω	\pm (3%+5)	\pm (3%+5)	
		100M Ω ~5G Ω	\pm (5%+5)	\pm (5%+5)	
	500V	0M Ω ~99.9M Ω	\pm (3%+5)	\pm (3%+5)	\pm (3%+5)
		100M Ω ~5G Ω	\pm (5%+5)	\pm (5%+5)	\pm (5%+5)
	1000V	0M Ω ~99.9M Ω	\pm (3%+5)	\pm (3%+5)	\pm (3%+5)
		100M Ω ~5G Ω	\pm (5%+5)	\pm (5%+5)	\pm (5%+5)
2500V	0M Ω ~99.9M Ω			\pm (3%+5)	
	100M Ω ~9.9G Ω			\pm (5%+5)	
	10G Ω ~20G Ω			\pm (10%+5)	
Load current	50V (R=50k Ω) 1mA	0%~10%	0%~10%	0%~10%	
	100V (R=100k Ω) 1mA	0%~10%	0%~10%	0%~10%	
	250V (R=250k Ω) 1mA	0%~10%	0%~10%	0%~10%	
	500V (R=500k Ω) 1mA	0%~10%	0%~10%	0%~10%	
	1000V (R=1M Ω) 1mA	0%~10%	0%~10%	0%~10%	
	2500V (R=1M Ω) 1mA			0%~10%	
Short-circuit current		<2mA	<2mA	<2mA	
Low resistance (Ω)	0.01 Ω ~200 Ω (about 5.0V/>200mA)		\pm (2%+3)	\pm (2%+3)	
AC voltage (V)	30V~750V	\pm (2%+3)			
	30V~600V		\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)				

GENERAL CHARACTERISTICS

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, gallus, 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 (0.063 CBM per standard carton)
Standard carton gross weight	UT501A: 17.7kg; UT501B: 20.9kg; UT502A: 18.9kg