

Insulation Resistance Testers



UT502A

Test Voltage	Insulation resistance (Ω)	UT501A	UT501B	UT502A
Certificates	CE, UKCA			
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			$\pm(10\%+5)$
Test voltage accuracy	100V/250V/500V/1000V	0%~10%	0%~10%	0%~10%
Short-circuit current		<2mA	<2mA	<2mA
AC voltage (V)	30V~750V	$\pm(2\%+3)$	$\pm(2\%+3)$	$\pm(2\%+3)$
Display count		2000	2000	2000
DAR	60s/15s and 60s/30s		\checkmark	\checkmark
PI			\checkmark	\checkmark
Meets IEC 61557	61557-1:2007; 61557-2:2007; 61557-4:2007 (UT502A only)			
Category ratings	CAT III 600V			

Features

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

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