

UT505A Handheld Insulation Resistance Tester

UT505 series is a multi-purpose meter with insulation measurement function. It is used for measurements of various precision tools (cables, motors, transformers).



Technical Specifications:

Specifications	Range		Accuracy
Model			UT505A
Insulation Resistance(Ω)	Output Voltage	50V/100V/250V/500V/1000V	0%~10%
	50V	0.01M Ω ~50.0M Ω	$\pm(3\%+5)$
	100V	0.01M Ω ~100.0M Ω	$\pm(3\%+5)$
	250V	0.01M Ω ~200.0M Ω	$\pm(1.5\%+5)$
	500V	0.01M Ω ~500M Ω	$\pm(1.5\%+5)$
	1000V	0.1M Ω ~2000M Ω	$\pm(1.5\%+5)$

		2.0GΩ~9.9GΩ	±(10%+3)
		10.0GΩ~20GΩ	±(20%+10)
	Load Current	50V(R=50KΩ) 1mA	0%~10%
		100V(R=100KΩ) 1mA	0%~10%
		250V(R=250KΩ) 1mA	0%~10%
		500V(R=500KΩ) 1mA	0%~10%
		1000V(R=1MΩ) 1mA	0%~10%
		Short Circuit Current	<2mA
Low Resistance(Ω)	0.01Ω~20.00kΩ (About 5.0V/>200mA)		±(1.5%+3)
DC Voltage(V)	0.0V~600.0V		±(2%+3)
AC Voltage(V)	0.0V~600.0V		±(2%+3)
Features			
Display Count			6000
Auto Range			√
True RMS			√
Step Voltage	10% Steps at 50%~120% of range		√
DAR	60S/15s and 60s/30s		√
PI			√
Timer			√
High Voltage Indication			√
Auto Discharge			√
Analogue Bar Graph			√

Auto Power Off		√
Continuous Buzzer		√
Data Hold		√
Data Storage		99
Comparison		√
LCD Backlight		√
Low Battery Indication		√
General Characteristics		
Power	1.5V Batteries (5#) × 6	
LCD Size	78mm × 59mm	
Product Color	Red and Grey	
Product Weight	630g	
Product Size	103mm × 225mm × 59 mm	
Standard Accessories	Test Lead, Probe, Alligator Clip, Batteries, Carrying Bag	
Standard Individual Packing	Gift Box, User Manual	
Standard Quantity Per Carton	20pcs	
Standard Carton Measurement	515mm × 380mm × 385mm	
Standard Carton Gross Weight	20kg	
Optional Accessories	Remote Test Lead	