

# Handheld Insulation Resistance Tester

## UNI-T UT505A

### Introduction:

UT505A is a kind of handled insulation resistance tester, which has the parameters such as insulation resistance, AC/DC voltage and etc. This machine has high accuracy and stable Performance with wide range of function. It apply to maintain, test and check the transformers, electrical machines, cables, switch, electric appliances and the other electrical equipments as well as insulation resistance with insulation materials. UT505A is your ideal choice.



### Features:

- 1、Show the actual value of insulation voltage 50V/100V/250V/500V/1000V ;
- 2、Insulation resistance can be test to 20GΩ ;
- 3、Measured absorptance / polarization index ,low –resistance test (20kΩ) ;
- 4、Step voltage regulation , the function of remote detection test lead and comparison ;
- 5、600V AC/DC voltage ,99 data logging ;
- 6、Safety level: CAT III 1000V CAT IV 600V ;
- 7、Brand-new designed, portable and easy to control.

Specifications	Range		Best Accuracy
Model			UT505A
Insulation Resistance(Ω)	Test Voltage	50V/100V/250V/500V/1000V	0%~10%
	50V	0.1MΩ~50.0MΩ	±(3%+5)
	100V	0.1MΩ~100.0MΩ	±(3%+5)
	250V	0.01MΩ~200.0MΩ	±(1.5%+5)
	500V	0.01MΩ~500MΩ	±(1.5%+5)
	1000V	0.1MΩ~2000MΩ	±(1.5%+5)
		2.0GΩ~9.9GΩ	±(10%+3)
		10.0GΩ~20.0GΩ	±(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 (45Hz~1KHz)		±(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			√
Analogue Bar Graph			√
Auto Power Off			√
Continuity Buzzer			√
Data Hold			√
Data Storage			99
Comparison			√
LCD Backlight			√
Low Battery Indication			√
General Characteristic			
Power	1.5V Batteries ( LR6) × 6		
LCD Size	78mm x 59mm		
Product Color	Red and Grey		
Product Net Weight	630g		
Product Size	103mm x 225mm x 59 mm		
Standard Accessories	Test Lead, Probe, Alligator Clip, Batteries		
Standard Individual Packing	Carrying Bag, Gift Box, English Manual		
Standard Quantity Per Carton	20 PCs		
Standard Carton Measurement	515mm × 380mm × 385mm (0.075 CBM Per Standard Carton)		
Standard Carton Gross Weight	20 Kg		
Optional Accessories	Remote Test Lead		