



UT530 SERIES

Insulation Resistance Multimeters

UT531 / UT532 / UT533



■ UT531



■ UT532



■ UT533

SPECIFICATIONS



Specifications	Range	Best Accuracy			
Model		UT531	UT532	UT533	
Insulation Resistance(Ω)	Test Voltage	500V/1000V	0%~10%		
		250V/500V/1000V		0%~10%	
		50V/100V/500V/1000V/2500V			0%~10%
	50V	0.1M Ω ~50.0M Ω			$\pm(3\%+5)$
	100V	0.1M Ω ~100.0M Ω			$\pm(3\%+5)$
	250V	0.2M Ω ~99.9M Ω		$\pm(3\%+5)$	$\pm(3\%+5)$
		100M Ω ~250M Ω		$\pm(3\%+5)$	$\pm(3\%+5)$
	500V	0.5M Ω ~99.9M Ω	$\pm(3\%+5)$	$\pm(3\%+5)$	$\pm(3\%+5)$
		100M Ω ~500M Ω	$\pm(3\%+5)$	$\pm(3\%+5)$	$\pm(3\%+5)$
	1000V	4.0M Ω ~99.9M Ω	$\pm(3\%+5)$	$\pm(3\%+5)$	$\pm(3\%+5)$
100M Ω ~600M Ω		$\pm(3\%+5)$			
100M Ω ~999M Ω			$\pm(3\%+5)$	$\pm(3\%+5)$	
Short-Circuit Current	<2mA	✓	✓	✓	

Multimeter Specifications

DC Voltage (V)	60mV/600mV/6V/60V/600V/1000V	$\pm(0.3\%+4)$	$\pm(0.3\%+4)$	$\pm(0.3\%+4)$
AC Voltage(50Hz~1kHz)	6V/60V/600V/1000V	$\pm(1\%+3)$	$\pm(1\%+3)$	$\pm(1\%+3)$
DC Current (A)	60mA/600mA	$\pm(1.0\%+2)$	$\pm(1.0\%+2)$	$\pm(1.0\%+2)$
AC Current(50Hz~1kHz)	60mA/600mA	$\pm(1.5\%+2)$	$\pm(1.5\%+2)$	$\pm(1.5\%+2)$
Resistance (Ω)	600 Ω /6k Ω /60k Ω /600k Ω /6M Ω /40M Ω	$\pm(0.9\%+2)$	$\pm(0.9\%+2)$	$\pm(0.9\%+2)$
Capacitance (F)	10nF/100nF/1 μ F/10 μ F/100 μ F	$\pm(3\%+5)$	$\pm(3\%+5)$	$\pm(3\%+5)$
Frequency (Hz)	60Hz/600Hz/6kHz/60kHz/600kHz/1MHz	$\pm(0.1\%+3)$	$\pm(0.1\%+3)$	$\pm(0.1\%+3)$
Temperature ($^{\circ}$ C)	-40 $^{\circ}$ C ~ 537 $^{\circ}$ C		$\pm(1\%+10)$	$\pm(1\%+10)$
Temperature ($^{\circ}$ F)	-40 $^{\circ}$ F ~ 998 $^{\circ}$ F		$\pm(1\%+18)$	$\pm(1\%+18)$

Features

Display Count		6000	6000	6000
Auto Range		✓	✓	✓
True RMS		✓	✓	✓
Diode		✓	✓	✓
Auto Power Off		✓	✓	✓
Continuity Buzzer		✓	✓	✓
Low Battery Indication		✓	✓	✓
Data Hold		✓	✓	✓
MAX/MIN		✓	✓	✓
Data Logging		99	99	99
LCD Backlight		✓	✓	✓
Full Icon Display		✓	✓	✓

GENERAL CHARACTERISTICS

Power	1.5V Alkaline Batteries(LR6) \times 6
LCD Size	81mm X 46mm
Product Color	Red and Grey
Product Net Weight	505g
Product Size	96.7mm X 202.8mm X 46 mm
Standard Accessories	UT531-Batterise, Test Lead, Alligator Clip, Carrying Bag UT532/533-Batterise, Test Lead, Alligator Clip, Point Contact Temperature Probe, Carrying Bag
Standard Individual Packing	Gift Box, English Manual
Standard Quantity Per Carton	20 pcs
Standard Carton Measurement	460 \times 400 \times 368mm(0.068 CBM Per Standard Carton)
Standard Carton Gross Weight	22.2Kg