

# UT530 SERIES Insulation Resistance Multimeters

# UNI-T®

UT531



EN61326-1  
EN61010-1



## SPECIFICATIONS

AUTO RANGE DATA HOLD USB

Specifications	Range		
<b>Model</b>	<b>UT531</b>		
Insulation Resistance( $\Omega$ )	Test Voltage	500V/1000V	0%~10%
	500V	0.5M $\Omega$ ~99.9M $\Omega$	$\pm(3\%+5)$
		100M $\Omega$ ~500M $\Omega$	$\pm(3\%+5)$
1000V	4.0M $\Omega$ ~99.9M $\Omega$	$\pm(3\%+5)$	
	100M $\Omega$ ~600M $\Omega$	$\pm(3\%+5)$	
Short-Circuit Current	<2mA	✓	
<b>Multimeter Specifications</b>			
DC Voltage (V)	60mV/600mV/6V/60V/600V/1000V	$\pm(0.3\%+4)$	
AC Voltage(50Hz~1kHz)	6V/60V/600V/1000V	$\pm(1\%+3)$	
DC Current(A)	60mA/600mA	$\pm(1.0\%+2)$	
AC Current(50Hz~1kHz)	60mA/600mA	$\pm(1.5\%+2)$	
Resistance ( $\Omega$ )	600 $\Omega$ /6k $\Omega$ /60k $\Omega$ /600k $\Omega$ /6M $\Omega$ /40M $\Omega$	$\pm(0.9\%+2)$	
Capacitance (F)	10nF/100nF/1 $\mu$ F/10 $\mu$ F/100 $\mu$ F	$\pm(3\%+5)$	
Frequency (Hz)	60Hz/600Hz/6kHz/60kHz/600kHz/1MHz	$\pm(0.1\%+3)$	
<b>Features</b>			
Display Count		6000	
Auto Range		✓	
True RMS		✓	
Diode		✓	
Auto Power Off		✓	
Continuity Buzzer		✓	
Low Battery Indication		✓	
Data Hold		✓	
MAX/MIN		✓	
Data Logging		99	
LCD Backlight		✓	
Full Icon Display		✓	

## GENERAL CHARACTERISTICS

Power	1.5V Alkaline Batteries(LR6)×6
LCD Size	81mm × 46mm
Product Color	Red and Grey
Product Net Weight	505g
Product Size	96.7mm × 202.8mm × 46 mm
Standard Accessories	UT531 Test Lead, Alligator Clip, Carrying Bag
Standard Individual Packing	Gift Box, English Manual