

UNI-T®

UT520 SERIES

Multifunctions Insulation Resistance Testers

UT529A ■ UT529B ■ UT529C



EN:61010-1

EN:61326-1



■ UT529A



■ UT529B



■ UT529C

SPECIFICATIONS



Specifications	Range	Best Accuracy			
Model		UT529A	UT529B	UT529C	
Insulation Resistance (Ω)	Test Voltages	125V/250V/500V 250V/500V/1000V 250V/500V/1000V	±10%	±10%	±10%
	Range	0.05M~125MΩ 0.05M~250MΩ 0.05M~500MΩ 0.05M~1GΩ	±(5%+5) ±(5%+5) ±(5%+5) ±(5%+5)	±(5%+5) ±(5%+5) ±(5%+5) ±(5%+5)	±(5%+5) ±(5%+5) ±(5%+5) ±(5%+5)
Low Resistance Continuity(Ω)	Short Circuit Current:	<2mA	✓	✓	✓
	Range	2Ω/20Ω/100Ω 2Ω/20Ω/220Ω	±(2%+5)	±(2%+5)	±(2%+5)
	Test Open DC Voltage	5V	✓	✓	✓
AC Voltage and Frequency	Test Current(MAX)	250mA	✓	✓	✓
	AC Voltage (Freq.)	0V~600V(45Hz~65Hz)	±(3%+5)	±(3%+5)	±(3%+5)
DC Voltage (V)	Frequency Range	45Hz~400Hz	±(3%+5)	±(0.1%+3)	±(0.1%+3)
	Range	-600V~600V	±(2%+5)	±(2%+5)	±(2%+5)
Ground Resistance (Ω)	Range	20Ω	±(3%+0.1)	±(3%+0.1)	
		200Ω	±(3%+3)	±(3%+3)	
		2000Ω	±(3%+3)	±(3%+3)	
		40Ω			±(3%+0.1)
		400Ω			±(3%+3)
AC Earth Voltage (Freq.)	Range	4000Ω			±(3%+3)
		0V~600V(45Hz~65Hz)	±(3%+5)	±(3%+5)	±(3%+5)
Capacitance (F)	Range	0μ~20μF	±(3%+10)	±(3%+10)	
		0μ~50μF			±(3%+10)
Features	Test Frequency	400Hz	✓	✓	✓
Display Count			9999	9999	10000
Auto Range			✓	✓	✓
Simple 2-Wires Testing	Ground Resistance Only		✓	✓	✓
Precision 3-Wires Testing	Ground Resistance Only		✓	✓	✓
Auto Power Off			✓	✓	✓
Low Battery Indication			✓	✓	✓
Data Hold			✓	✓	✓
Relative Mode			✓	✓	✓
Data Logging					20
LCD Backlight			✓	✓	✓
High Voltage Indication			✓	✓	✓
Input Protection			✓	✓	✓

GENERAL CHARACTERISTICS

Power	1.5V Alkaline Batteries(LR6) × 8
LCD Size	125mm × 37mm
Product Color	Red and Grey
Product Net Weight	1000 g
Product Size	210mm × 175mm × 90mm
Standard Accessories	Batteries, Carrying Bag, Simple Test Lead with Clips (double plugs × 1, single plug × 1), Standard Test Lead with Clips (20M red × 1, 10M yellow × 1, 5M green × 1), Test Probe × 2, Alligator Clip with Test Lead
Standard Individual Packing	Gift Box, English Manual
Standard Quantity Per Carton	4 PCs
Standard Carton Measurement	510mm × 330mm × 330mm (0.056CBM Per Standard Carton)
Standard Carton Gross Weight	15 Kg