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UNI-T®

UT510 SERIES

Insulation Resistance Testers

UT511 ■ UT512 ■ UT513



EN:61010-1

EN:61326-1



■ UT511



■ UT512



■ UT513

SPECIFICATIONS

Specifications		Best Accuracy		
Model	Range	UT511	UT512	UT513
Insulation Resistance (Ω)	Test Voltage	100V/250V/500V/1000V 500V/1000V/1500V/2500V 500V/1000V/2500V/5000V	0%~20% 0%~20%	0%~20%
	100V	0.1MΩ~500MΩ	±(3%+5)	
	250V	0.5MΩ~2GΩ	±(3%+5)	
	500V	1MΩ~4GΩ	±(3%+5)	
		1MΩ~5GΩ		±(3%+5)
		1MΩ~20GΩ		±(3%+5)
	1000V	2MΩ~10GΩ	±(3%+5)	±(5%+5)
		2MΩ~40GΩ		
	1500V	5MΩ~20GΩ	±(3%+5)	
	2500V	10MΩ~100GΩ	±(3%+5)	
DC Voltage (V)	5000V	5MΩ~100GΩ		±(3%+5)
		10MΩ~1000GΩ		±(3%+5)
	Short Circuit Current	<2mA	<1.8mA	<1.8mA
	1000V	±(2%+3)		
	600V		±(2%+5)	±(2%+5)
	750V	±(2%+3)		
	600V		±(2%+5)	±(2%+5)
	Low Resistance (Ω)	0.1Ω ~ 999.9Ω	±(1%+3)	
	Features			
	Display Count	9999	9999	9999
AC Voltage (V)	Auto Range	✓	✓	✓
	Auto Power Off	✓	✓	✓
	Low Battery Indication	✓	✓	✓
	Data Logging	18	18	18
	Comparison	✓	✓	✓
	Polarization Index(PI)	✓	✓	✓
	Dielectric Absorption (DAR)	✓	✓	✓
	USB Interface	✓	✓	✓
	LCD Backlight	✓	✓	✓
	Analogue Bar Graph	30	30	30
Low Resistance (Ω)	Over Range Warning	✓	✓	✓
	High Voltage Indication	✓	✓	✓
	Timer	Around 30 minutes		
		Around 15 minutes	✓	✓

GENERAL CHARACTERISTICS

Power	1.5V Alkaline Batteries (LR14) ×8
LCD Size	123mm × 58mm
Product Color	Red and Grey
Product Net Weight	UT511-1.2kg, UT512-1.8kg, UT513-2kg
Product Size	202mm × 155mm × 94mm
Standard Accessories	UT511-2PCs of One Plug Test Lead to One Alligator Clip(Black and Green), 1PC of Two Plugs Test Lead to One Alligator Clip(Red), Batteries, Tool Box
	UT512/UT513-2PCs of One Plug Test Lead to One Alligator Clip(Black and Green), 1PC of Two Plugs Test Lead to One Alligator Clip(Red), Batteries, Tool Box, USB Cable, PC Software CD, Power Adaptor
Standard Individual Packing	Gift Box, English Manual
Standard Quantity Per Carton	4PCs
Standard Carton Measurement	525mm × 335mm × 345mm (0.061CBM Per Standard Carton)
Standard Carton Cross Weight	UT511-13kg, UT512-18kg, UT513-19kg
Optional Accessories	Power Adaptor (UT511 only)