

UNI-T[®]

UT590 SERIES
Multifunction Loop Testers
UT593



EN 61010-1
 EN 61326-1



UT593



SPECIFICATIONS

Specifications	Range	Best Accuracy
Model		UT593
Insulation Resistance (Ω)	Test Voltages	250V/500V/1000V
	250V	0.05MΩ-250MΩ
	500V	0.05MΩ-500MΩ
	1000V	0.05MΩ-1000MΩ
Low Resistance Continuity(Ω)	Short-Circuit Current	<2mA
	Range	0.00Ω-199Ω
	Test Current	0.00-20: >200mA
	Range	0.01Ω-2000Ω
Line Impedance (Ω)	Operational Voltage(Freq.)	195V-440V(45Hz-65Hz)
	Test Current	20A
	PFC Range	0kA-26kA
	Range	0.01Ω-2000Ω
Loop Impedance (Ω)	Operational Voltage(Freq.)	195V-253V(45Hz-65Hz)
	Test Current	20A
	PFC Range	0kA-26kA
	Range	1.00Ω-2000Ω
Loop Impedance Without Tripping(Ω)	Operational Voltage(Freq.)	195V-253V(45Hz-65Hz)
	Test Current	15mA
	PFC Range	0kA-26kA
	Operational Voltage(Freq.)	195V-253V(45Hz-65Hz)
RCD	Test Current	10mA/30mA/100mA/300mA/500mA
	Tripping Times	×1/2 "1..n Range:0ms-2000ms
		×1 "1..n Range:0ms-300ms
		×1 "1..n Range:0ms-500ms(Selective Countdown)
×5 "1..n Range:0ms-40ms		
Phase Sequence Test	Operational Voltage(Freq.)	100V-440V(45Hz-65Hz)
	Indication	Order: L1→L2→L3 Positive change L1→L2→L3 To reverse
RCD Measurement RAMP Slope	Test Current Range	10mA/30mA/100mA/300mA/500mA
	Range	0V-440V
AC Voltage (V)	Frequency Response	45Hz-60Hz
	Resolution	1V
Features		
Display Count		10000
Auto Power Off		✓
Low Battery Indication		✓
Data Logging		✓
LCD Backlight		✓
Auto Half-wave Test		✓
RCD Countdown Measurement	30 Seconds	✓
RCD Half-wave Test		✓
Phase Switch(RCD)	0° and 180°	✓

GENERAL CHARACTERISTICS

Power	1.5V Batteries(LR6) × 6
LCD Size	125mm × 37mm
Product Color	Red and Gray
Product Net Weight	1000 g
Product Size	210mm × 175mm × 90mm
Standard Accessories	Batteries, Test Lead (1 × Green, 1 × Black, 1 × Red), Specialized Test Lead, Remote Control Test Lead
Standard Individual Packing	Gift Box, Tool Box, User Manual
Standard Quantity Per Carton	4 PCs
Standard Carton Measurement	505mm × 345mm × 345mm (0.051 CBM Per Standard Carton)
Standard Carton Gross Weight	15 Kg