



### SPECIFICATIONS

AUTO RANGE DATA HOLD TRUE RMS DAR PI



■ UT505A



■ UT505B

Specifications	Range	Best Accuracy		
		UT505A	UT505B	
<b>Model</b>				
Insulation Resistance(Ω)	50V	50V/100V/250V/500V/1000V	0%~10%	0%~10%
		0.01MΩ~50.0MΩ	±(3%+5)	±(3%+3)
		50.0MΩ~1.0GΩ		±(3%+3)
	100V	1.0GΩ~10GΩ		±(10%+3)
		0.01MΩ~100.0MΩ	±(3%+5)	±(3%+3)
		100.0MΩ~1.0GΩ		±(3%+3)
	250V	1.0GΩ~20GΩ		±(10%+3)
		0.01MΩ~200.0MΩ	±(1.5%+5)	±(1.5%+5)
		200.0MΩ~1.0GΩ		±(1.5%+5)
	500V	1.0GΩ~50GΩ		±(10%+3)
		0.01MΩ~500MΩ	±(1.5%+5)	±(1.5%+5)
		500MΩ~1.0GΩ		±(1.5%+5)
	1000V	1.0GΩ~100GΩ		±(10%+3)
		0.1MΩ~2000MΩ	±(1.5%+5)	±(1.5%+5)
		2.0GΩ~9.9GΩ	±(10%+3)	±(5%+3)
Load Current	10.0GΩ~20GΩ	±(20%+10)	±(7%+3)	
	20GΩ~200GΩ		±(20%+3)	
	50V(R=50KΩ) 1mA	0%~10%	0%~10%	
	100V(R=100KΩ) 1mA	0%~10%	0%~10%	
	250V(R=250KΩ) 1mA	0%~10%	0%~10%	
Short Circuit Current	500V(R=500KΩ) 1mA	0%~10%	0%~10%	
	1000V(R=1MΩ) 1mA	0%~10%	0%~10%	
Leakage Current(A)	10 ~ 2000 μA	<2mA	<2mA	
Low Resistance (Ω)	0.01Ω~20.00kΩ(about 5.0V/>200mA)	±(1.5%+3)		
	0.01Ω~100Ω(about 5.0V/>200mA/20mA Optional)		±(1.5%+3)	
General Resistance (Ω)	0.01kΩ~1000kΩ		±(3%+2)	
DC Voltage (V)	0.0V~600.0V	±(2%+3)	±(2%+2)	
AC Voltage (V)	0.0V~600.0V	±(2%+3)	±(2%+3)	
Frequency(Hz)	45~450 Hz		±(0.1%+3)	
Capacitance(F)	100 pF ~10 μF		±(5%+5)	
<b>Features</b>				
Display Count		6000	6000	
Auto Range		✓	✓	
True RMS		✓	✓	
Step Voltage	10% Steps at 50% ~ 120% of range	✓	✓	
DAR	60s/15s and 60s/30s	✓	✓	
PI		✓	✓	
Timer		✓	✓	
High Voltage Indication		✓	✓	
Auto Discharge		✓	✓	
Fuse Self Test		✓	✓	
Analogue Bar Graph		✓	✓	
Auto Power Off		✓	✓	
Continuity Buzzer		✓	✓	
Data Hold		✓	✓	
Data Storage		99	99	
Comparison		✓	✓	
LCD Backlight		✓	✓	
Low Battery Indication		✓	✓	

### GENERAL CHARACTERISTICS

Power	1.5V Batteries (LR6) × 6
LCD Size	78mm x 59mm
Product Color	Red and Grey
Product Net Weight	630g
Product Size	103mm x 225mm x 59 mm
Standard Accessories	Test Lead, Probe, Alligator Clip, Batteries
Standard Individual Packing	Carrying Bag, Gift Box, English Manual
Standard Quantity Per Carton	20 PCs
Standard Carton Measurement	515mm × 380mm × 385mm (0.075 CBM Per Standard Carton)
Standard Carton Gross Weight	20 kg
Optional Accessories	Remote Test Lead



EN 61010-1  
EN 61010-2-030  
EN 61326-1

(UT501A only)



■ UT501A



■ UT501B



■ UT502A

### SPECIFICATIONS



Specifications	Range	Best Accuracy			
Model		UT501A	UT501B	UT502A	
Insulation Resistance(Ω)	Test Voltages	100V/250V/500V/1000V	0%~10%		
		250V/500V/1000V		0%~10%	
		500V/1000V/1000V			0%~10%
	100V	0.00MΩ~100MΩ	±(3%+5)		
		0.00MΩ~99.9MΩ	±(3%+5)	±(3%+5)	±(3%+5)
	250V	100MΩ~5.0GΩ	±(5%+5)	±(5%+5)	±(5%+5)
		0.00MΩ~99.9MΩ	±(3%+5)	±(3%+5)	±(3%+5)
	500V	100MΩ~5.0GΩ	±(5%+5)	±(5%+5)	±(5%+5)
		0.00MΩ~99.9MΩ	±(3%+5)	±(3%+5)	±(3%+5)
	1000V	100MΩ~5.0GΩ	±(5%+5)	±(5%+5)	±(5%+5)
		0.00MΩ~99.9MΩ			±(3%+5)
	2500V	100MΩ~9.9GΩ			±(5%+5)
		10.0GΩ~20.0GΩ			±(10%+5)
		50V(R=50kΩ) 1mA	0%~10%	0%~10%	0%~10%
	Load Current	100V(R=100kΩ) 1mA	0%~10%	0%~10%	0%~10%
250V(R=250kΩ) 1mA		0%~10%	0%~10%	0%~10%	
500V(R=500kΩ) 1mA		0%~10%	0%~10%	0%~10%	
1000V(R=1MΩ) 1mA		0%~10%	0%~10%	0%~10%	
2500V(R=1MΩ) 1mA		0%~10%	0%~10%	0%~10%	
Short Circuit Current		<2mA	<2mA	<2mA	
Low Resistance (Ω)	0.01Ω~200Ω (about 5.0V/>200mA)		±(2%+3)	±(2%+3)	
AC Voltage (V)	30V~750V	±(2%+3)			
	30V~600V		±(2%+3)	±(2%+3)	
<b>Features</b>					
Display Count		2000	2000	2000	
DAR	60s/15s and 60s/30s		✓	✓	
PI			✓	✓	
Auto Range		✓	✓	✓	
Low Battery Indication		✓	✓	✓	
LCD Backlight		✓	✓	✓	
Alarm Indication		✓	✓	✓	
Alarm Buzzer		✓	✓	✓	
High Voltage Indication		✓	✓	✓	
Over Load Indication		✓	✓	✓	
Auto Discharge		✓	✓	✓	
Test Voltages Vice Display		✓	✓	✓	
10MΩ Internal Resistance Test		✓	✓	✓	

### GENERAL CHARACTERISTICS

Power	1.5V Batteries(LR6) × 6
LCD Size	70.6mm × 34mm
Product Color	Red and Gray
Product Net Weight	500 g
Product Size	150mm × 100mm × 71mm
Standard Accessories	Batteries,Probe,Alligator Clip,Test Lead,Gallus
Standard Individual Packing	Gift Box, English Manual
Standard Quantity Per Carton	20 PCs
Standard Carton Measurement	500mm × 380mm × 330mm (0.063 CBM Per Standard Carton)
Standard Carton Gross Weight	18.5 kg



EN 61010-1  
EN 61010-2-030  
EN 61326-1

(UT511 only)



■ UT511



■ UT512



■ UT513A

### SPECIFICATIONS

AUTO RANGE USB

Specifications	Range			
Model	UT511	UT512	UT513A	
Insulation Resistance( $\Omega$ )	Test Voltages	100V/250V/500V/1000V	0%~10%	
		500V/1000V/1500V/2500V		0%~20%
		500V/1000V/2500V/5000V		0%~20%
	100V	0.1M $\Omega$ ~500M $\Omega$	$\pm$ (3%+5)	
		0.5M $\Omega$ ~2G $\Omega$	$\pm$ (3%+5)	
	250V	1M $\Omega$ ~4G $\Omega$	$\pm$ (3%+5)	
		0.5M $\Omega$ ~5G $\Omega$		$\pm$ (3%+5)
	500V	0.5M $\Omega$ ~20G $\Omega$		$\pm$ (3%+5)
		2M $\Omega$ ~10G $\Omega$	$\pm$ (3%+5)	$\pm$ (3%+5)
	1000V	1.0M $\Omega$ ~40G $\Omega$		$\pm$ (3%+5)
5M $\Omega$ ~20G $\Omega$			$\pm$ (3%+5)	
1500V	10M $\Omega$ ~100G $\Omega$		$\pm$ (3%+5)	
	2.5M $\Omega$ ~100G $\Omega$		$\pm$ (3%+5)	
2500V	5.0M $\Omega$ ~1000G $\Omega$		$\pm$ (3%+5)	
	Short Circuit Current	<2mA	<1.8mA	<3.5mA
DC Voltage (V)	1000V	$\pm$ (2%+3)		
	600V		$\pm$ (2%+5) $\pm$ (2%+3)	
AC Voltage (V)	750V	$\pm$ (2%+3)		
	600V		$\pm$ (2%+5) $\pm$ (2%+3)	
Low Resistance ( $\Omega$ )	0.1 $\Omega$ ~999.9 $\Omega$	$\pm$ (1%+3)		
<b>Features</b>				
Auto Range	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Auto Power Off	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Secondary Display			<input checked="" type="checkbox"/>	
Low Battery Indication	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Data Storage	18	18	18	
Comparison	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Polarization Index(PI)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Dielectric Absorption (DAR)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
USB Interface		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
LCD Backlight	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Analogue Bar Graph	30	30	30	
Over Range Warning	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
High Voltage Indication	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Timer	Around 30 minutes	<input checked="" type="checkbox"/>		
	Around 15 minutes		<input checked="" type="checkbox"/>	

### GENERAL CHARACTERISTICS

Power	1.5V Batteries(LR14) $\times$ 8
LCD Size	123mm $\times$ 58mm
Product Color	Red and Gray
Product Net Weight	UT511-1.2 kg, UT512-1.8 kg, UT513A-2 kg
Product Size	202mm $\times$ 155mm $\times$ 94mm
Standard Accessories	UT511-2PCs of one plug test lead to one alligator clip(Black and Green), 1 PC of twoplugs test lead to one alligator clip(Red), Batteries UT512/UT513A-2PCs of one plug test lead to one alligator clip(Black and Green), 1 P of two plugs test lead to one alligator clip(Red), Batteries, USB Cable, PC Software CD, Power Adaptor
Standard Individual Packing	Gift Box, Tool Box, English Manual
Standard Quantity Per Carton	4 PCs
Standard Carton Measurement	505mm $\times$ 345mm $\times$ 345mm (0.060CBM Per Standard Carton)
Standard Carton Gross Weight	UT511-14 kg, UT512-16.9 Kg, UT513A-18.5 kg
Optional Accessories	Power Adaptor(UT511 only)



EN 61010-1  
EN 61010-2-030  
EN 61326-1



■ UT521



■ UT522

### SPECIFICATIONS



Specifications	Range	Best Accuracy	
		UT521	UT522
<b>Model</b>			
Earth Resistance (Ω)	0~20Ω	±(2%+10)	
	0~200Ω	±(2%+3)	
	0~2000Ω	±(2%+3)	
	0~40Ω		±(2%+20)
	0~400Ω		±(2%+3)
	0~4000Ω		±(2%+3)
AC Earth Voltage (V)	0~200V	±(1%+4)	
	0~400V		±(1%+6)
	Frequency:50Hz/60Hz	✓	✓
<b>Features</b>			
Display Count		2000	4000
Manual Range		✓	✓
Auto Power Off	Around 10 Minutes	✓	✓
Low Battery Indication		✓	✓
Data Hold		✓	✓
Data Storage		20	20
LCD Backlight		✓	✓
Full Icon Display		✓	✓
Double Insulation Protection		✓	✓
Contact Badness Display	Port C or Port E don't contact Display"----Ω"	✓	✓
Over-Range Display	Display "OL"	✓	✓
Simple 2-Wires Testing		✓	✓
Precision 3-Wires Testing		✓	✓

### GENERAL CHARACTERISTICS

Power	1.5V Batteries(LR6) × 6
LCD Size	70.6mm × 34mm
Product Color	Red and Gray
Product Net Weight	560 g
Product Size	160mm × 100mm × 70.5mm
Standard Accessories	Batteries, Carrying Bag, Test Lead, Simple Test Lead, Test Probe
Standard Individual Packing	Gift Box, English Manual
Standard Quantity Per Carton	8 PCs
Standard Carton Measurement	530mm × 300mm × 350mm (0.056 CBM Per Standard Carton)
Standard Carton Gross Weight	19.8 kg

# UNI-T®

## UT520 SERIES Multifunction Electric Meters

UT526



EN 61010-1  
EN 61010-2-030  
EN 61326-1



■ UT526

### SPECIFICATIONS



Specifications	Range	Best Accuracy
<b>Model</b>		<b>UT526</b>
Insulation Resistance(Ω)	Test Voltages	250V/500V/1000V
	250V	0.05MΩ~200MΩ
	500V	0.05MΩ~300MΩ
	1000V	0.05MΩ~500MΩ
	Test Current	250V(R=250kΩ) 1mA
		500V(R=500kΩ) 1mA
	1000V(R=1MΩ) 1mA	
	Short Circuit Current:	<2mA
RCD	Operational Voltage(Freq.)	220V(45Hz~65Hz)
	Test Current	10mA/30mA/100mA/300mA
	Trip Time	0ms~2000ms, 1Δn Genetal(10mA) 0ms~500ms, 1Δn Genetal(300mA) 0ms~300ms, 1Δn Genetal(100mA,300mA)
Low Resistance Continuity	Range	0.00Ω~2000Ω
	Test Voltage	Around 5.0V
	Test Current	>200mA(R<2Ω)
Voltage Mesurement(V)	DC Voltage	0~440V
	AC Voltage	0~440V
	Frequency (Reference Only)	
<b>Features</b>		
Display Count		10000
Manual Range		✓
Phase Switch(RCD)	0°and 180°	✓
Low Battery Indication		✓
Automatically Selects DCV or ACV		✓
Red Warning Lights		✓

### GENERAL CHARACTERISTICS

Power	1.5V Batteries(LR6) × 6
LCD Size	71mm × 34mm
Product Color	Red and Gray
Product Net Weight	380 g
Product Size	160mm × 100mm × 71mm
Standard Accessories	Test Lead, Batteries, Carrying Bag, Alligator Clip
Standard Individual Packing	Gift Box, English Manual
Standard Quantity Per Carton	20 PCs
Standard Carton Measurement	400mm × 430mm × 335mm (0.063 CBM Per Export Carton)
Standard Carton Gross Weight	23.1 kg





EN 61010-1  
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EN 61326-1

### SPECIFICATIONS



■ UT527



■ UT528

Specifications	Range	Best Accuracy
<b>Model</b>		<b>UT527</b>
Insulation Resistance	Test Voltages	250V/500V
	Class I PASS Value	1MΩ
	Class II PASS Value	2MΩ
	Cord PASS Value	2MΩ
	Test Current (R=500kΩ):	>1mA
Ground Resistance	Short-Circuit Current	<3mA
	Class I PASS Value	0.2Ω
	Cord PASS Value	0.2Ω
	Test Current	>200mA (R<2Ω)
	Measuring Voltage(DC)	5V
Cord Test	Correct Wiring	√ Cord Fault
	Open Circuit, Short Circuit, Reverse Polarity	× Cord Fault
Out with Testing	Test Voltage	AC220V
	Normal	Show "LN√, LE√, NE√"
	Off Ground	Show "LN√, LE ×, NE ×"
	Out Zero Line	Show "LN ×, LE√, NE ×"
<b>Features</b>		
Display Count		2000
Auto Power Off		√
Low Battery Indication		√

Specifications	Range	Best Accuracy
<b>Model</b>		<b>UT528</b>
Insulation Resistance	Test Voltages	250V/500V
	0.02MΩ~19.99MΩ	
	Test Current (R=500kΩ):	>1mA
	Short-Circuit Current	<3mA
Ground Resistance	0.00Ω~19.99Ω	
	Test Current	>200mA(R<2Ω)
	Measuring Voltage(DC)	5V
Cord Test	Correct Wiring	√ Cood
	Open Circuit, Short Circuit, Reverse Polarity	× Fail
Out with Testing	Test Voltage	AC 220V
	Normal	Show "LN√, LE√, NE√"
	Off Ground	Show "LN√, LE ×, NE ×"
	Out Zero Line	Show "LN ×, LE√, NE ×"
	0.10~10.5mA	
Leakage Test	Test Voltage	50Vrms
	Measuring Frequency(AC)	50Hz
<b>Features</b>		
Display Count		2000
Auto Power Off		√
Low Battery Indication		√

### GENERAL CHARACTERISTICS

Power	1.5V Batteries(LR14) × 6
LCD Size	136mm × 47mm
Product Color	Red and Gray
Product Net Weight	970 g
Product Size	210mm × 178mm × 90mm
Standard Accessories	Batteries, Test Cord, Alligator Clip
Standard Individual Packing	Gift Box, English Manual, Tool Box
Standard Quantity Per Carton	4 PCs
Standard Carton Measurement	505mm × 345mm × 345mm (0.06 CBM Per Standard Carton)
Standard Carton Gross Weight	13.2 kg



■ UT531



■ UT532



■ UT533

### SPECIFICATIONS



Specifications	Range	UT531	UT532	UT533	
<b>Model</b>					
Insulation Resistance(Ω)	Test Voltage	500V/1000V 250V/500V/1000V	0%~10%	0%~10%	
		50V/100V/500V/ 1000V/2500V		0%~10%	
	50V	0.1MΩ~50.0MΩ		±(3%+5)	
	100V	0.1MΩ~100.0MΩ		±(3%+5)	
	250V	0.2MΩ~99.9MΩ		±(3%+5)	±(3%+5)
		100MΩ~250MΩ		±(3%+5)	±(3%+5)
	500V	0.5MΩ~99.9MΩ	±(3%+5)	±(3%+5)	±(3%+5)
		100MΩ~500MΩ	±(3%+5)	±(3%+5)	±(3%+5)
	1000V	4.0MΩ~99.9MΩ	±(3%+5)	±(3%+5)	±(3%+5)
		100MΩ~600MΩ	±(3%+5)		
100MΩ~999MΩ			±(3%+5)	±(3%+5)	
Short-Circuit Current	<2mA	√	√	√	
<b>Multimeter Specifications</b>					
DC Voltage (V)	60mV/600mV/6V/60V/600V/1000V	±(0.3%+4)	±(0.3%+4)	±(0.3%+4)	
AC Voltage(50Hz~1kHz)	6V/60V/600V/1000V	±(1%+3)	±(1%+3)	±(1%+3)	
DC Current (A)	60mA/600mA	±(1.0%+2)	±(1.0%+2)	±(1.0%+2)	
AC Current(50Hz~1kHz)	60mA/600mA	±(1.5%+2)	±(1.5%+2)	±(1.5%+2)	
Resistance (Ω)	600Ω/6kΩ/60kΩ/600kΩ/6MΩ/40MΩ	±(0.9%+2)	±(0.9%+2)	±(0.9%+2)	
Capacitance (F)	10nF/100nF/1μF/10μF/100μF	±(3%+5)	±(3%+5)	±(3%+5)	
Frequency (Hz)	60Hz/600Hz/6kHz/60kHz/600kHz/1MHz	±(0.1%+3)	±(0.1%+3)	±(0.1%+3)	
Temperature (°C)	-40°C ~ 537°C		±(1%+10)	±(1%+10)	
Temperature (°F)	-40°F ~ 998°F		±(1%+18)	±(1%+18)	
<b>Features</b>					
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)×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-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	460mm × 400mm × 368mm(0.068 CBM Per Standard Carton)
Standard Carton Gross Weight	22.2 kg



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EN 61326-1



■ UT572



### SPECIFICATIONS

Specifications	Range	Best Accuracy
<b>Model</b>		<b>UT572</b>
Earth Resistance(Re)	4Ω	±(3%+15)
	40Ω	
	400Ω	
	4kΩ	
	40kΩ	
Soil Resistivity( ρ )	4Ω	ρ = 2 × π × L × Re (Depending on the test result of Re)
	40Ω	
	400Ω	
	4kΩ	
	40kΩ	
Disturbance Voltage (Ust)	50V(DC test or AC test at 40Hz~500Hz)	±(3%+3)
Disturbance Frequency (Fst)	40Hz~500Hz	±(1%+2)
<b>Features</b>		
2/3/4 Wire Test		✓
Earth Resistance Test Frequency	94/128Hz	✓
Soil Resistivity Test Distances	1~40m	✓
Earth Resistance RH and RS Test		✓
Compensating Resistance RK Test		✓
Data Storages	20	✓
LCD Backlight		✓
Auto Power Off	Around 5 Minutes	✓
Low Battery Indication	≤9.5V	✓

### GENERAL CHARACTERISTICS

Power	1.5V Batteries(LR6) × 8
LCD Size	125mm × 37mm
Product Color	Red and Grey
Product Net Weight	1100 g
Product Size	210mm × 175mm × 90 mm
Standard Accessories	Batteries, Simple Test Lead with Alligator Clips(double plugs x 1, single plug x 1), Standard Test Lead with Alligator Clips(40m red x 1, 20m red x 1, 20m black x 1, 10m yellow x 1, 5m green x 1), Earth Spike x 2
Standard Individual Packing	Gift Box, Carrying Bag, Tool Box, English Manual
Standard Quantity Per Carton	2 PCs
Standard Carton Measurement	475 × 378 × 355mm (0.064 CBM Per Standard Carton)
Standard Carton Gross Weight	15 kg





EN 61010-1  
EN 61326-1



■ UT581



■ UT582

### SPECIFICATIONS

Specifications	Range	Best Accuracy		
		UT581	UT582	
<b>Model</b>				
RCD Measurement	Range Select	Rated Operating Current	Trip Time	
	× 1/2	10mA/20mA/30mA/100mA/300mA/500mA	1000mS	✓
		10mA/20mA/30mA/100mA/300mA	1000mS	✓
		500mA	300mS	✓
	× 5	10mA/20mA/30mA	1000mS	✓
	250mA	250mA	40mS	✓
	AUTO RAMP	10mA/20mA/30mA/100mA/300mA/500mA	300mS	✓
	Trip Current Accuracy		±10	±10
	Trip Time Accuracy		±(0.6%+4)	±(0.6%+4)
	Trip Time Resolution	1mS	✓	✓
Operational Voltage(Freq.)	195V~253V(50Hz)	✓	✓	
<b>Features</b>				
Display Count		1000	1000	
Phase Switch	0° and 180°	✓	✓	
Connections Check Function	Lamps Indication	✓	✓	
AUTO RAMP Function	Test the trip time and trip current		✓	
Disconnect Buzzer		✓	✓	
Over-Range Display	OL	✓	✓	
Fused		✓	✓	
Mis-Operation Buzzer		✓	✓	
Power off Buzzer		✓	✓	
Full Icon Display		✓	✓	

### GENERAL CHARACTERISTICS

Power	No Battery is required
LCD Size	71mm × 34mm
Product Color	Red and Gray
Product Net Weight	400 g
Product Size	160mm × 100mm × 71mm
Standard Accessories	Test Lead, Carrying Bag
Standard Individual Packing	Gift Box, English Manual
Standard Quantity Per Carton	20 PCs
Standard Carton Measurement	440mm × 430mm × 335mm (0.063 CBM Per Export Carton)
Standard Carton Gross Weight	20.5 kg



EN61010-1  
EN61010-2-030  
EN61326-1



■ UT583



■ UT585



■ UT586

### SPECIFICATIONS

Specifications	Range	UT583	UT585	UT586		
<b>Model</b>						
RCD Measurement	Range Select	Rated Operating Current	Trip Time	✓	✓	✓
	× 1/2	10mA/20mA/30mA/100mA/300mA/500mA	1000ms	✓	✓	
		10mA/20mA/30mA/100mA/200mA/300mA/500mA/1000mA	2000ms			✓
	× 1	10mA/20mA/30mA/100mA/300mA/500mA	1000ms	✓	✓	
		10mA/20mA/30mA/100mA/200mA/300mA	1000ms			✓
	× 2	500mA/1000mA	200ms			✓
		10mA/20mA/30mA/100mA/300mA	1000ms	✓	✓	
	× 5	10mA/20mA/30mA/100mA/200mA/300mA/500mA	200ms			✓
		10mA/20mA/30mA/100mA	300ms	✓		
	AUTO RAMP	10mA/20mA/30mA/100mA/200mA	300ms		✓	
		10mA/20mA/30mA/100mA/200mA	200ms			✓
	MANUAL RAMP	10mA/20mA/30mA/100mA/200mA/300mA/500mA	300ms	✓	✓	
		10mA/20mA/30mA/100mA/200mA/300mA/500mA/1000mA	300ms			✓
		10mA/20mA/30mA/100mA/200mA/300mA/500mA/1000mA	300ms			✓
	Trip Current Accuracy	±10%	±10%	±10%		
	Trip Time Accuracy	±(0.6%+4)	±(0.6%+4)	±(0.6%+4)		
	Trip Time Resolution	1ms	1ms	1ms		
	Operational Voltage(Freq.) 230V(50Hz)	±10%	±10%	±10%		
AC Voltage (V) (Freq.)	60V~400V (50~60Hz)	±(5%+2)	±(5%+2)	±(5%+2)		
<b>Features</b>						
Auto Power Off		✓	✓	✓		
Low Battery Indication		✓	✓	✓		
Data Hold		✓	✓	✓		
LCD Backlight		✓	✓	✓		
Contact Voltage Automatic Detection		✓	✓	✓		
Over-Temperature Detection		✓	✓	✓		
Lock Test Function			✓	✓		
Connections Check Function	Lamps Indication	✓	✓	✓		
Fuse Security		✓	✓	✓		

### GENERAL CHARACTERISTICS

Power	1.5V Batteries (LR6) × 8
LCD Size	125mm × 37mm
Product Color	Red and Gray
Product Net Weight	1000 g
Product Size	210mm × 175mm × 90mm
Standard Accessories	Batteries, Test Lead
Standard Individual Packing	Gift Box, Tool Box, English Manual
Standard Quantity Per Carton	4 PCs
Standard Carton Measurement	505mm × 345mm × 345mm (0.06 CBM Per Standard Carton)
Standard Carton Gross Weight	13 kg