

UNI-T®

2017

Uni-Trend Your Testing Specialist!



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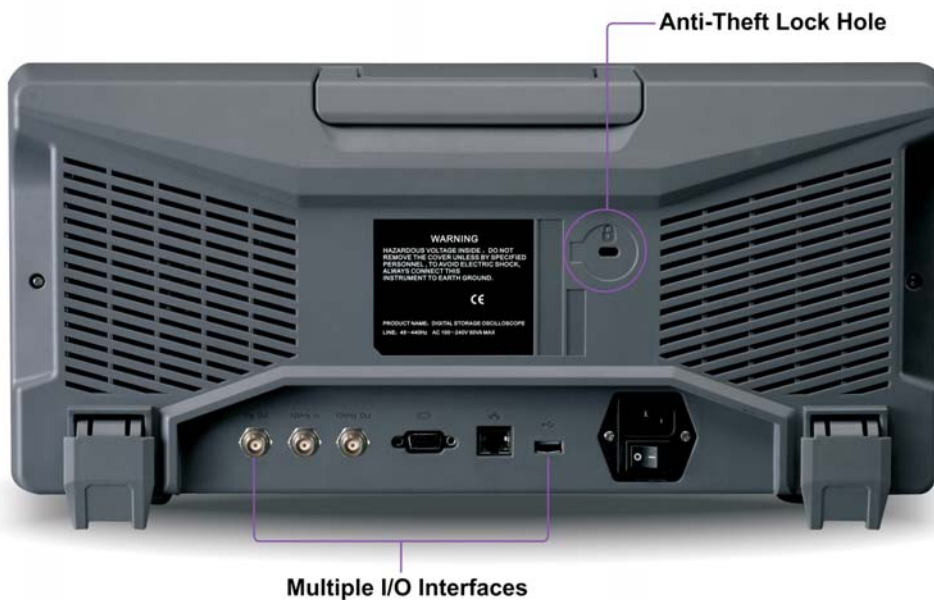
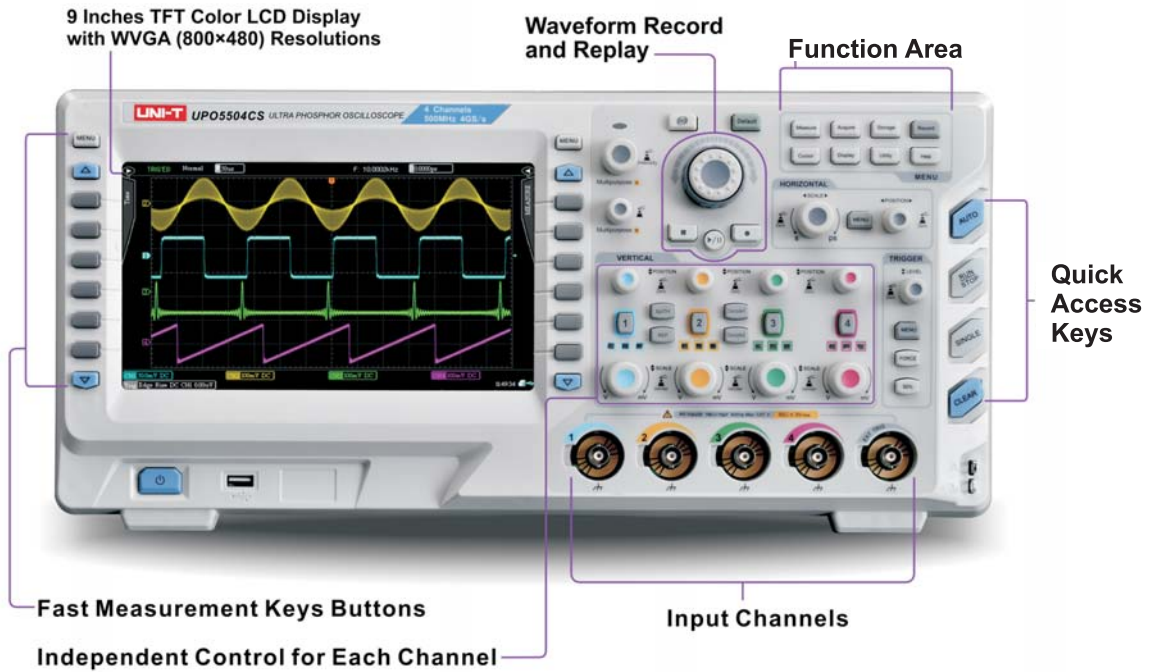


FEATURES AND BENEFITS

- ▶ Sample Rate up to 4GS/s
- ▶ Channels 2/4
- ▶ Bandwidth 200MHz,350MHz,500MHz
- ▶ Memory Depth 280Mpts(Standard)
- ▶ Waveform Capture Rate up to 200,000wfms/s
- ▶ With 256 level intensity grading display
- ▶ Up to 200,000 frames for Waveform Record, Replay
- ▶ Support serial bus trigger and decoding
- ▶ 9 inches TFT LCD, WVGA(800×480)
- ▶ Interface: USB-Host, USB-OTG, LAN, VGA, AUX,10MHz input/output



INDUSTRIAL DESIGN



Dimensions (W×H×D): 456mm× 210mm×120mm

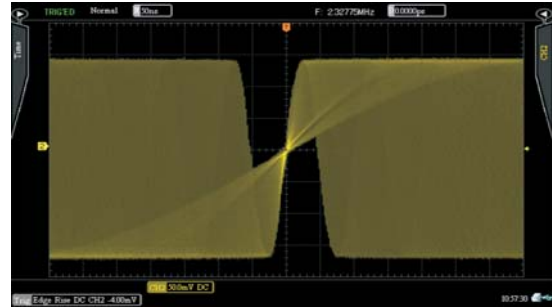


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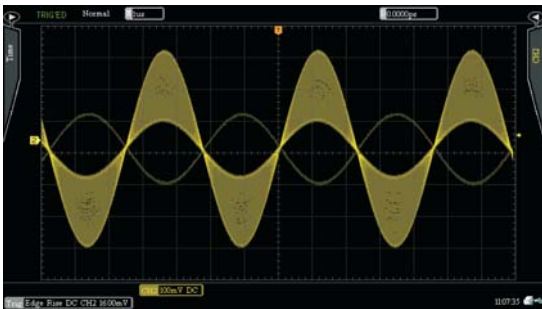
FEATURES



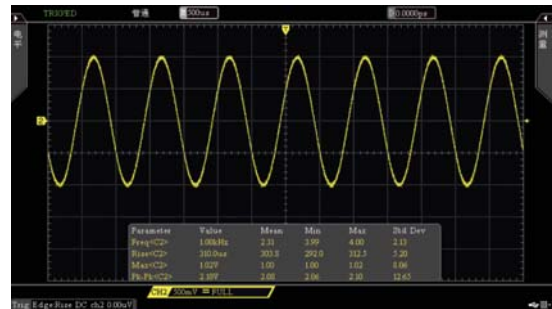
Memory Depth with up to 280Mpts, which helps to capture the signal for longer time and record the details of waveform.



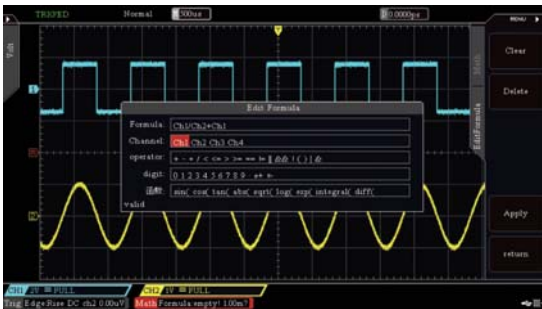
Up to 256-Level intensity grading display, timely reflect the probability wave appears.



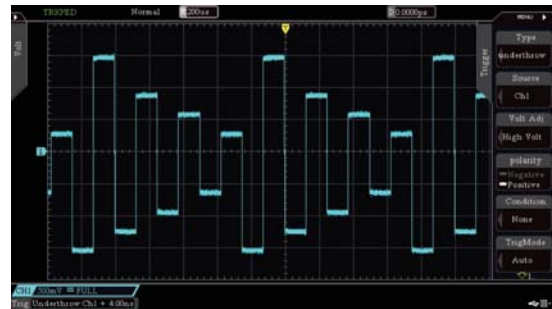
Waveform Capture Rate is 200,000wfms/s, which improve the ability of capturing the random and low probability case, and observe the signal jitter and glitch.



A variety of automatic measurement and statistical functions



Advanced math functions



A variety of Trigger functions: Runt, Nth Edge, Pattern, RS232/UART, I2C, SPI, CAN.



RS232 Decoding
Support for multiple bus decoding functions(Optioanl): RS232, I2C, SPI, CAN, LIN, FlexRay



I2C Decoding
Support for multiple bus decoding functions(Optioanl): RS232, I2C, SPI, CAN, LIN, FlexRay



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SPECIFICATIONS

Specifications	UPO5202CS	UPO5204CS	UPO5352CS	UPO5354CS	UPO5502CS	UPO5504CS
Bandwidth	200 MHz	200 MHz	350 MHz	350 MHz	500 MHz	500 MHz
Channels	2	4	2	4	2	4
Sample Rate	4GS/s(Single-channel)、2GS/s(Dual-channel)					
Max. Memory Depth	280Mpts(Single-channel)、140Mpts(Dual-channel)					
Waveform Capture Rate	200,000wfms/s					
Time Base Scale	UPO550X/UPO535X:1ns~1000s; UPO520X:2 ns~1000s					
Input Coupling	(1MΩ±1%)/(15pF±3pF); (50Ω±1.5%)					
Vertical Scale	1 mV/div~5 V/div(1 MΩ); 1 mV/div ~1 V/div(50 Ω)					
DC Gain Accuracy	±3%					
Waveform Record	Max. 200,000 Frames					
Trigger	Edge, Pluse, Video, Slope, Sequence, Underthrow, Code, SetupHold, Overtime, N_Edge, RS232, I2C, SPI, CAN, LIN, FlexRay					
Bus Decode	Standard:Parallel;Optional: RS232, I2C, SPI, CAN, LIN, FlexRay					
Math Function	A+B、A-B、A×B、A/B、FFT、Logic Operation、 Editable Advanced					
Auto Measurement	Max, Min, Top, Bottom, Middle, pk-pk, Amplitude, Average, RMS, Cycle Average, Cycle RMS, Area, Cycle Area, Frequency, Period, Rising, Falling, +Width, -Width, SudWidth, Overshoot, Preshoot, +Duty, -Duty, RiseDelay, FallDelay, Phase					
Number of Measurements	Display 4 measurements at the same time					
Measurement Statistic	Average, Max, Min, Standard Deviation, Number of Measurements					
Frequency Counter	Hardware 6 bits counter(Selectable)					
Standard Interface	USB-Host, USB-OTG, LAN, VGA , 10MHz Input/Output, AUX OUT					

GENERAL CHARACTERISTICS

Power	100V~240V, 50Hz/60Hz
Display	9 Inches TFT Color LCD Display with WVGA(800×480) Resolution
Product Color	White and Gray
Product Net Weight	4.4 kg
Product Size (W×H×D)	456mm×218mm×128mm
Standard Accessories	Probe×2/4(1×,10×switchable),Power Cord ,USB Cable, PC Software CD
Standard Individual Packing	Gift Box
Standard Quantity Per Carton	1 PCs
Standard Carton Measuremen(L×W×H)	510mm×210mm×285mm
Standard Carton Cross Weight	7.2 kg



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FEATURES AND BENEFITS

- ▶ Sample Rate up to 1GS/s
- ▶ Channels 2/4
- ▶ Bandwidth 70MHz,100MHz
- ▶ Memory Depth 28Mpts per Channel
- ▶ Waveform Capture Rate up to 50,000wfms/s
- ▶ With Multi-level Intensity Grading Display
- ▶ Up to 65,000 Frames for Waveform Record ,Replay
- ▶ Support Serial bus Trigger and Decoding
- ▶ 8 Inches, TFT LCD,WVGA(800×480)
- ▶ Interface: USB Host, USB Device, LAN, AUX (Trig Out, Pass/Fail)



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EN61010-1

8" TFT Color Display
(800 x 480 WVGA)

Multipurpose Knob

Function Area



Quick
Access
Keys

Independent
Channel Control

4 CH Inputs

Anti-Theft Lock Hole



I/O Area

Dimensions (W × H × D): 336mm × 164mm × 108mm



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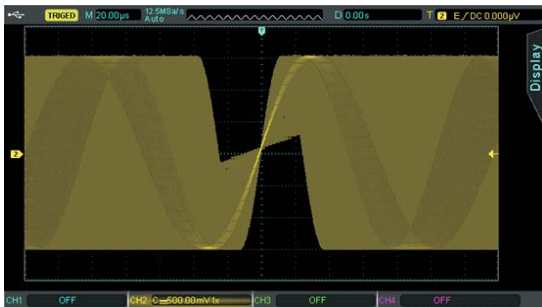
FEATURES



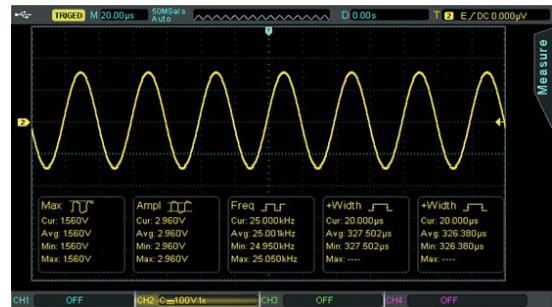
Memory Depth with up to 28Mpts per channel, which helps to capture the signal for longer time and record the details of waveform.



Up to multi-Level intensity grading display, timely reflect the probability wave appears.



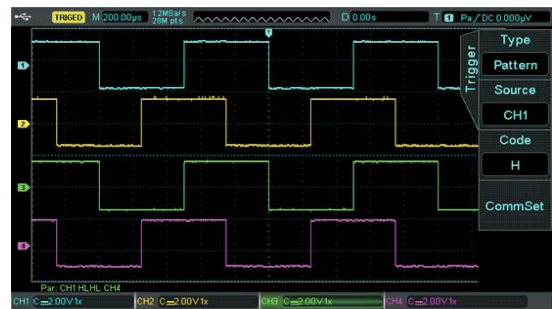
Waveform Capture Rate is 50,000wfms/s, which improve the ability of capturing the random and low probability case, and observe the signal jitter and glitch.



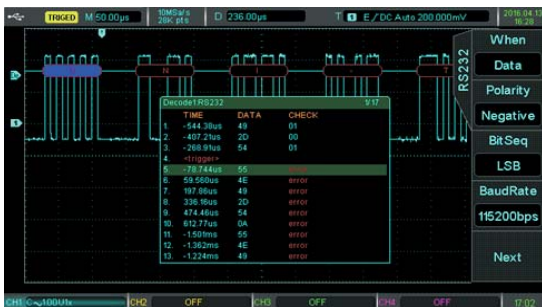
A variety of automatic measurement and statistical function.



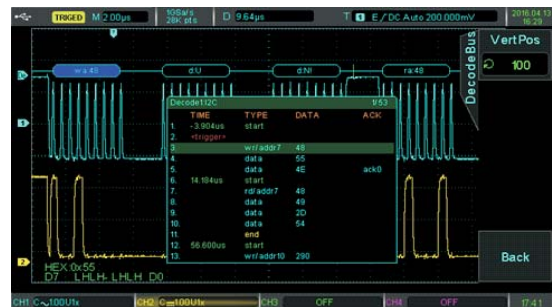
Advanced math function



A variety of Trigger functions: Runt, Time Out, Nth Edge, Delay, Duration, Setup/Hold, Pattern, RS232/UART, I2C, SPI etc.



Support multiple serial bus triggering and decoding: RS232/UART, I2C, SPI etc. (RS232/UART decoding)



Support multiple serial bus triggering and decoding: RS232/UART, I2C, SPI etc. (I2C decoding)



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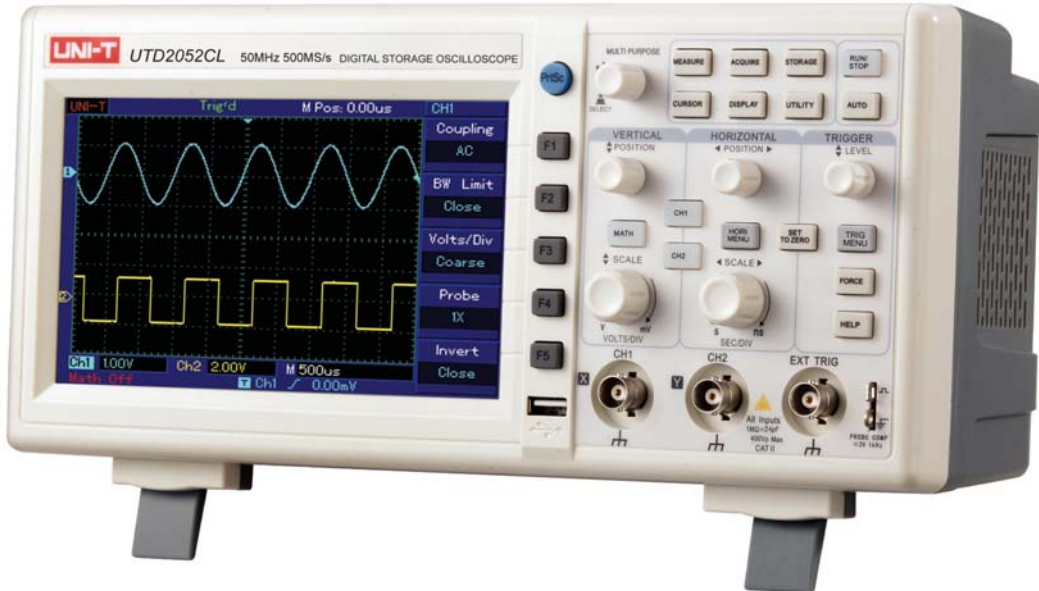
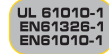


SPECIFICATIONS

Specifications	UPO2072CS	UPO2074CS	UPO2102CS	UPO2104CS
Bandwidth	70 MHz	70 MHz	100 MHz	100 MHz
Channels	2	4	2	4
Sample Rate	1GS/s			
Max. Memory Depth	28Mpts (Each Channel)			
Waveform Capture Rate	50,000wfms/s			
Time Base Scale	5 ns/div ~ 50 s/div			
Input Coupling	(1MΩ± 2%) (20 pF± 3 pF)			
Vertical Scale	1mV/div ~ 20 V/div(1 MΩ)			
DC Gain Accuracy	± 3%			
Waveform Record	65,000 Frames			
Trigger	Edge, Window, Runt, Time Out, Nth Edge, Delay, Duration, Setup/Hold, Pulse Width, Slope, Video, Pattern, RS232/UART,I2C,SPI			
Bus Decode	RS232/UART,I2C,SPI			
Waveform Operation	A+B, A-B, A×B, A/B, FFT, Logic Operation, Editable Advanced, Filter.			
Auto Measurement	Max, Min, High, Low, Middle, Pk-Pk, Ample, Mean, Cycle Mean, RMS, Cycle RMS, Area, Cycle Area, OverShoot, PreShoot, Period, Freq, Rise, Fall, +Width, -Width, +Duty, -Duty, RiseDelay, FallDelay, Phase, FRR, FRF, FFR, FFF, LRF, LRR, LFR, LFF			
Number of Measurements	Display 5 measurements at the same time			
Measurement Statistic	Average, Max, Min, Standard Deviation, Number of Measurements			
Frequency Counter	Hardware 6 bits counter(Channels areselectable)			
Standard Interface	USB-Host, USB-Device, LAN, AUX (Trig Out, Pass/Fail)			

GENERAL CHARACTERISTICS

Power	100V~240VAC, 50Hz/60Hz
Display	8 Inches TFT Color LCD Display with WVGA(800×480) Resolution
Product Color	White and Gray
Product Net Weight	3.5 kg
Product Size (W×H×D)	336mm×164mm×108mm
Standard Accessories	Probe×2/4(1×,10× Switchable),Power Cord ,USB Cable,PC Software CD
Standard Individual Packing	Gift Box
Standard Quantity Per Carton	2 PCs
Standard Carton Measuremen(L×W×H)	450mm×420mm×280mm
Standard Carton Cross Weight	9.5 kg



SPECIFICATIONS

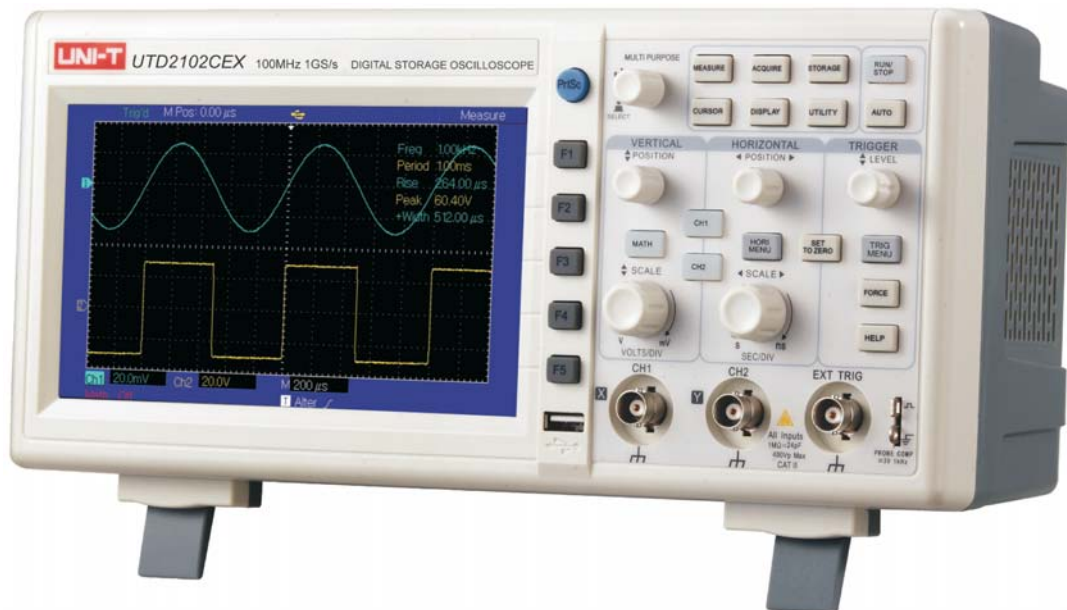
Specifications	UTD2025CL	UTD2052CL
Channels	2	2
Bandwidth	25MHz	50MHz
Sample Rate	250MS/s	500MS/s
Rise Time	≤14ns	≤7ns
Memory Depth	25kpts	25kpts
Waveform Acquisition Rate	≥2000wfms/s	≥2000wfms/s
Vertical Sensitivity	1mV/div~20V/div	1mV/div~20V/div
Time-Based Range	10ns/div~50s/div	5ns/div~50s/div
Storage	Setup,Wave,Bitmap	Setup,Wave,Bitmap
Trigger Modes	Edge, Pluse, Video, Alternate	Edge, Pluse, Alternate
Interfaces	USB OTG,Pass/Fail	USB OTG

GENERAL CHARACTERISTICS

Power	100-240VAC, 50Hz/60Hz
Display	7 Inches TFT LCD,WVGA (400×240)
Product Color	White and Gray
Product Net Weight	2.2 kg
Product Size (W×H×D)	306mm ×134mm × 122mm
Standard Accessories	Probe×2 (1×,10× switchable),Power Cord, USB Cable, PC Software CD
Standard Individual Packing	Gift Box
Standard Quantity Per Carton	2 PCs
Standard Carton Measurement (L×W×H)	450mm × 420mm × 280mm
Standard Carton Gross Weight	8.3 kg



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SPECIFICATIONS

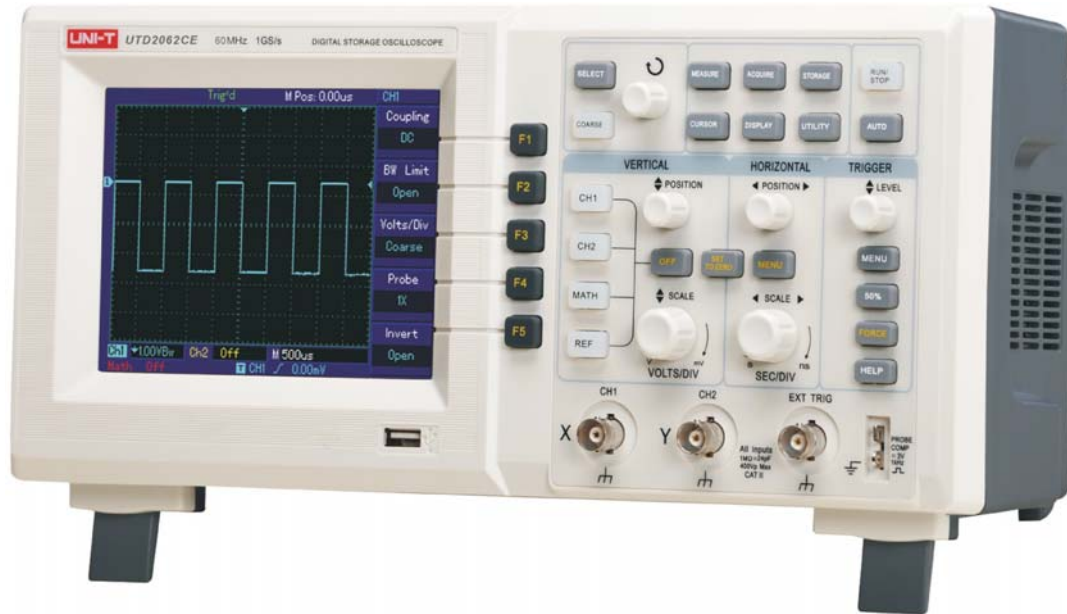
Specifications	UTD2052CEX	UTD2072CEX	UTD2102CEX
Channels	2	2	2
Bandwidth	50MHz	70MHz	100MHz
Sample Rate	1GS/s	1GS/s	1GS/s
Rise Time	≤7ns	≤5ns	≤3.5ns
Memory Depth	25kpts		
Waveform Acquisition Rate	≥2000wfms/s		
Vertical Sensitivity	1mV/div~20V/div		
Time-Based Range	2ns/div~50s/div		
Storage	Setup, Wave, Bitmap		
Trigger Modes	Edge, Pluse, Alternate		
Interfaces	USB OTG		

GENERAL CHARACTERISTICS

Power	100-240VAC, 50Hz/60Hz
Display	7 Inches TFT LCD, WVGA (800×480)
Product Color	White and Gray
Product Net Weight	2.2 kg
Product Size (W×H×D)	306mm × 134mm × 122mm
Standard Accessories	Probex2 (1×, 10× switchable), Power Cord, USB Cable, PC Software CD
Standard Individual Packing	Gift Box
Standard Quantity Per Carton	2 PCs
Standard Carton Measurement (L×W×H)	450mm × 420mm × 280mm
Standard Carton Gross Weight	8.5 kg



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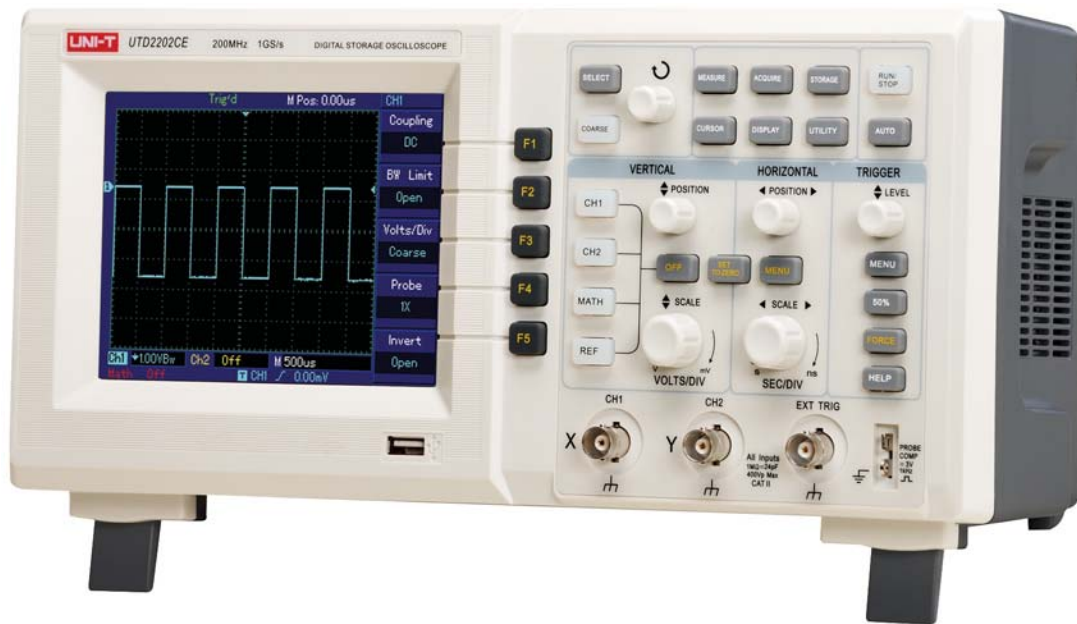


SPECIFICATIONS

Specifications	UTD2062CE
Channels	2
Bandwidth	60MHz
Sample Rate	1GS/s
Rise Time	≤5.8ns
Memory Depth	25kpts
Waveform Acquisition Rate	≥2000wfms/s
Vertical Sensitivity	2mV/div~5V/div
Time-Based Range	5ns/div~50s/div
Storage	Setup,Wave,Bitmap
Trigger Modes	Edge, Pluse,Video, Alternate
Interfaces	USB Device, USB Host, Pass/Fail

GENERAL CHARACTERISTICS

Power	100-240VAC, 50Hz/60Hz
Display	5.7 Inches TFT LCD, QVGA (320×240)
Product Color	White and Gray
Product Net Weight	2.5 kg
Product Size (W×H×D)	320mm × 145mm × 160mm
Standard Accessories	Probex2 (1×,10× switchable),Power Cord, USB Cable, PC Software CD
Standard Individual Packing	Gift Box
Standard Quantity Per Carton	2 PCs
Standard Carton Measurement (L×W×H)	450mm × 420mm × 280mm
Standard Carton Gross Weight	8.5 kg
Optional Accessories	LAN Port



SPECIFICATIONS

Specifications	UTD2102CE	UTD2202CE
Channels	2	2
Bandwidth	100MHz	200MHz
Sample Rate	1GS/s	1GS/s
Rise Time	≤3.5ns	≤1.8ns
Memory Depth	25kpts	25kpts
Waveform Acquisition Rate	≥2000wfms/s	≥2000wfms/s
Vertical Sensitivity	2mV/div~5V/div	2mV/div~5V/div
Time-Based Range	5ns/div~50s/div	2ns/div~50s/div
Storage	Setup, Wave, Bitmap	
Trigger Modes	Edge, Pulse, Video, Alternate	
Interfaces	USB Device, USB Host, Pass/Fail	

GENERAL CHARACTERISTICS

Power	100-240VAC, 50Hz/60Hz
Display	5.7 Inches TFT LCD, QVGA (320×240)
Product Color	White and Gray
Product Net Weight	2.5 kg
Product Size (W×H×D)	320mm × 145mm × 160mm
Standard Accessories	Probe×2 (1×, 10× switchable), Power Cord, USB Cable, PC Software CD
Standard Individual Packing	Gift Box
Standard Quantity Per Carton	2 PCs
Standard Carton Measurement (L×W×H)	450mm × 420mm × 280mm
Standard Carton Gross Weight	8.5 kg
Optional Accessories	LAN Port



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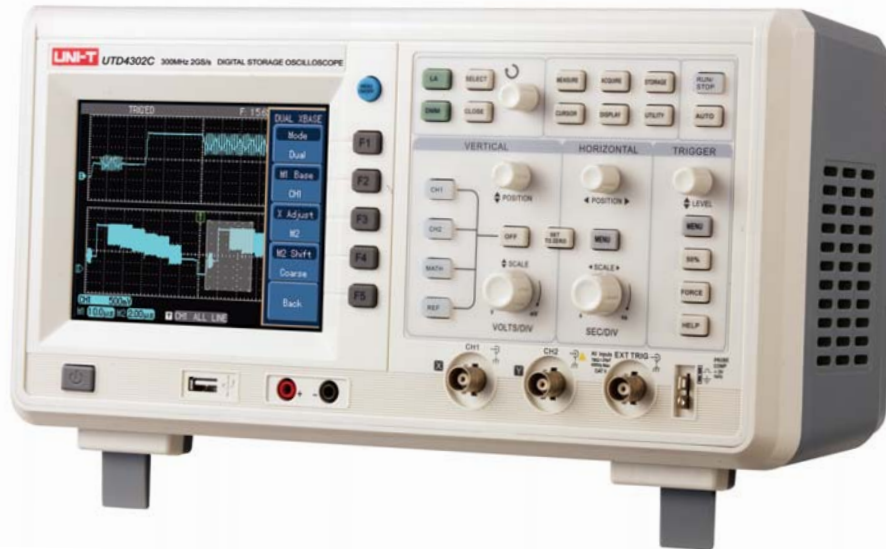


SPECIFICATIONS

Specifications	UTD2062CM	UTD2102CM	UTD2202CM
Channels	2	2	2
Bandwidth	60MHz	100MHz	200MHz
Sample Rate	1GS/s	1GS/s	1GS/s
Rise Time	≤5.8ns	≤3.5ns	≤1.8ns
Memory Depth	32Mpts	32Mpts	16Mpts
Waveform Acquisition Rate	≥150,000wfms/s	≥150,000wfms/s	≥150,000wfms/s
Vertical Sensitivity	2mV/div~10V/div	2mV/div~10V/div	2mV/div~5V/div
Time-Based Range	2ns/div~50s/div		
Storage	Setup,Wave,Bitmap,CSV		
Trigger Modes	Edge, Pluse, Runt, Video, Slope, Alternate		Edge, Pluse, Video, Slope, Alternate
Interfaces	USB Device, USB Host, Pass/Fail		

GENERAL CHARACTERISTICS

Power	100-240VAC, 50Hz/60Hz
Display	7 Inches TFT LCD, WVGA (800×480)
Product Color	White and Gray
Product Net Weight	2.9 kg
Product Size (W×H×D)	332mm ×147mm × 170mm
Standard Accessories	Probe×2 (1×,10× switchable),Power Cord, USB Cable, PC Software CD
Standard Individual Packing	Gift Box
Standard Quantity Per Carton	2 PCs
Standard Carton Measurement (L×W×H)	450mm × 420mm × 280mm
Standard Carton Gross Weight	9.3 kg
Optional Accessories	LAN Port



SPECIFICATIONS

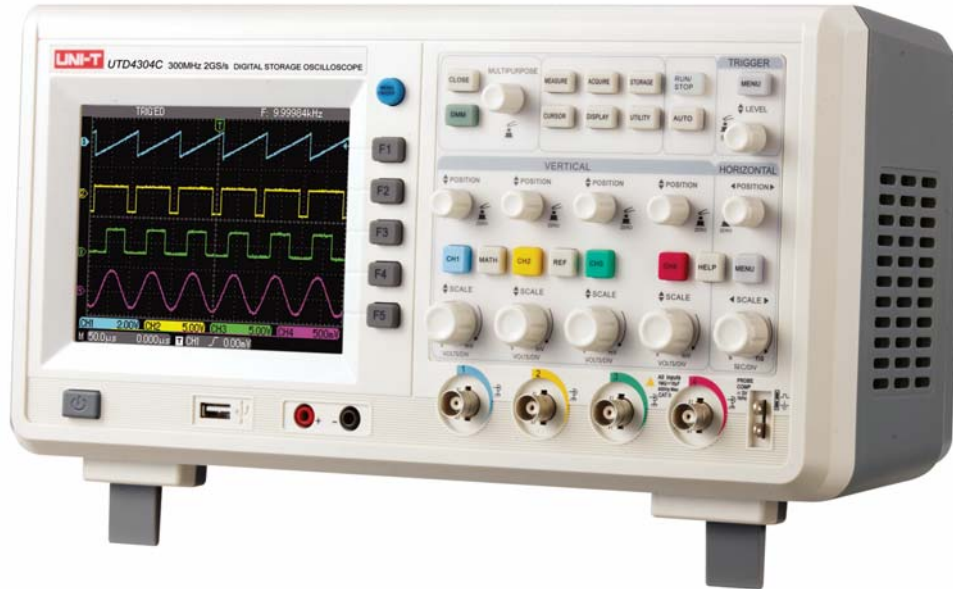
Specifications	UTD4102C	UTD4202C	UTD4302C
Channels	2	2	2
Bandwidth	100MHz	200MHz	300MHz
Sample Rate	2GS/s	2GS/s	2GS/s
Rise Time	≤3.5ns	≤1.8ns	≤1.2ns
Memory Depth	24kpts	24kpts	24kpts
Waveform Acquisition Rate	≥2000wfms/s	≥2000wfms/s	≥2000wfms/s
Vertical Sensitivity	1mV/div~10V/div	2mV/div~5V/div	2mV/div~5V/div
Time-Based Range	5ns/div~50s/div	2ns/div~50s/div	1ns/div~50s/div
Storage	Setup, Wave, Bitmap, CSV		
Trigger Modes	Edge, Pluse, Video, Slope, Alternate, LA		
Interfaces	USB Device, USB Host, Pass/Fail, LA Interface, Multimeter Interface		
Multimeter Specifications	Range	Best Accuracy	
DC Voltage(V)	400mV,4V,40V,400V	±(1%+5)	
AC Voltage(V)	4V,40V,400V	±(1.2%+5)	
DC Current(A) (External Converter)	4mA,40mA,400mA,4A	±(1%+5) 4A: ±(1.5%+5)	
Resistance(Ω)	400Ω,4kΩ,,40kΩ,400kΩ,4MΩ,40MΩ	±(1.5%+5)	
Display Count	4000		
Auto Range	√		

GENERAL CHARACTERISTICS

Power	100-240VAC, 50Hz/60Hz
Display	5.7 Inches TFT LCD, QVGA (320×240)
Product Color	White and Gray
Product Net Weight	3.8 kg
Product Size (W×H×D)	337mm×190mm×180mm
Standard Accessories	Probex2 (1×,10× switchable), Logic Analyzer Probe, Current-to-Voltage Converter, Test Leads, Power Cord, USB Cable, PC Software CD
Standard Individual Packing	Gift Box
Standard Quantity Per Carton	2 PCs
Standard Carton Measurement (L×W×H)	540mm×425mm×325mm
Standard Carton Gross Weight	13.7 kg
Optional Accessories	LAN Port, GPIB Port



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SPECIFICATIONS

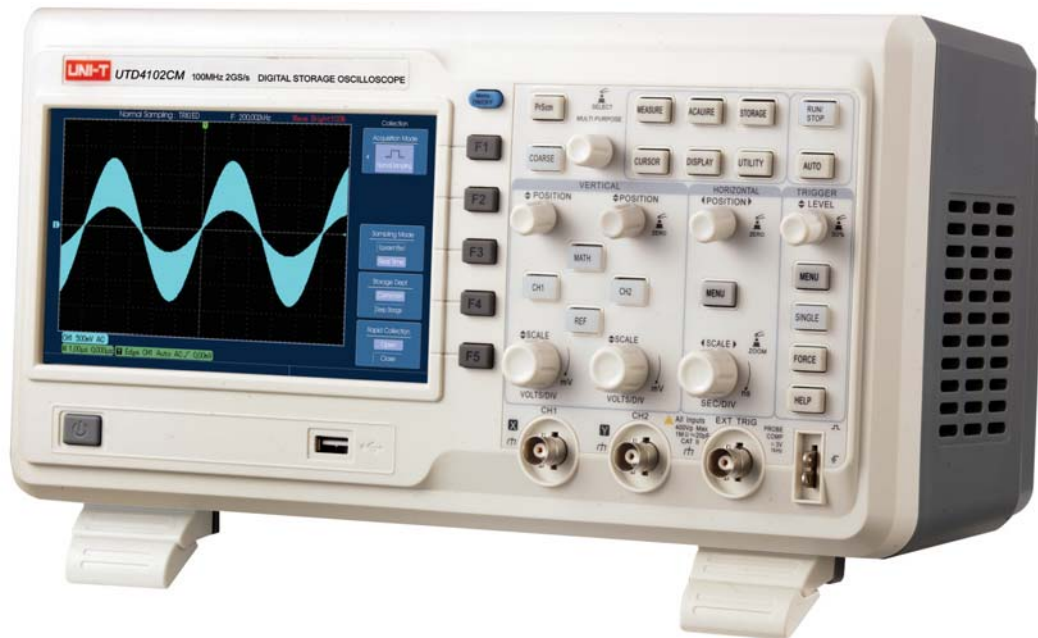
Specifications	UTD4104C	UTD4204C	UTD4304C
Channels	4	4	4
Bandwidth	100MHz	200MHz	300MHz
Sample Rate	2GS/s	2GS/s	2GS/s
Rise Time	≤3.5ns	≤1.8ns	≤1.2ns
Memory Depth	24kpts	24kpts	24kpts
Vertical Sensitivity	2mV/div~5V/div	2mV/div~5V/div	2mV/div~5V/div
Time-Based Range	5ns/div~50s/div	2ns/div~50s/div	1ns/div~50s/div
Storage	Setup,Wave,Bitmap,CSV		
Trigger Modes	Edge,Pluse,Video,Slope,Alternate		
Interfaces	USB Device, USB Host, Multimeter Interface		
Multimeter Specifications	Range	Best Accuracy	
DC Voltage(V)	400mV,4V,40V,400V	±(1%+5)	
AC Voltage(V)	4V,40V,400V	±(1.2%+5)	
DC Current(A) (External Converter)	4mA,40mA,400mA,4A	±(1%+5) 4A: ±(1.5%+5)	
Resistance(Ω)	400Ω,4kΩ,40kΩ,400kΩ,4MΩ,40MΩ	±(1.5%+5)	
Display Count	4000		
Auto Range	√		

GENERAL CHARACTERISTICS

Power	100-240VAC,50Hz/60Hz
Display	5.7 Inches TFT LCD, QVGA (320×240)
Product Color	White and Gray
Product Net Weight	3.8 kg
Product Size (W×H×D)	337mm×190mm×180mm
Standard Accessories	Probex4 (1×,10× switchable), Current-to-Voltage Converter, Test Leads, Power Cord, USB Cable, PC Software CD
Standard Individual Packing	Gift Box
Standard Quantity Per Carton	2 PCs
Standard Carton Measurement (L×W×H)	540mm×425mm×325mm(0.075 CBM Per Standard Carton)
Standard Carton Gross Weight	13.7 kg



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SPECIFICATIONS

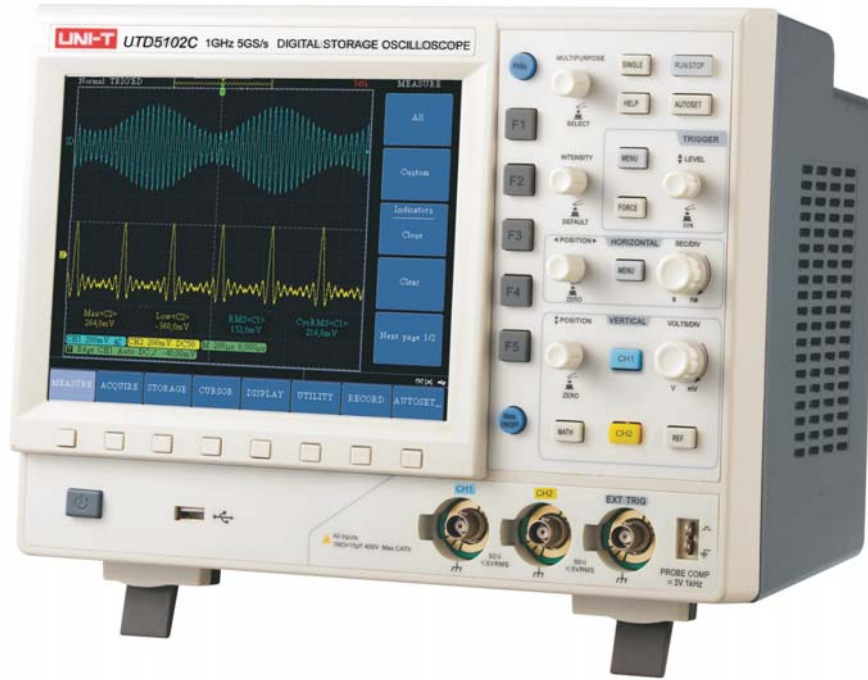
Specifications	UTD4102CM	UTD4202CM	UTD4302CM
Channels	2	2	2
Bandwidth	100MHz	200MHz	300MHz
Sample Rate	2GS/s	2GS/s	2GS/s
Rise Time	≤3.5ns	≤1.8ns	≤1.2ns
Memory Depth	24Mpts(Each Channel)		
Waveform Acquisition Rate	≥150,000wfms/s		
Vertical Sensitivity	2mV/div~5V/div		
Time-Based Range	2ns/div~50s/div	2ns/div~50s/div	1ns/div~50s/div
Storage	Setup, Wave, Bitmap, CSV		
Trigger Modes	Edge, Pluse, Video, Slope, Alternate		
Interfaces	USB Device, USB Host, Pass/Fail		

GENERAL CHARACTERISTICS

Power	100-240VAC, 50Hz/60Hz
Display	7 Inches TFT LCD, WVGA (800×480)
Product Color	White and Gray
Product Net Weight	3.8 kg
Product Size (W×H×D)	337mm ×190mm × 180mm
Standard Accessories	Probe×2(1×,10× switchable),Power Cord ,USB Cable,PC Software CD
Standard Individual Packing	Gift Box
Standard Quantity Per Carton	2 PCs
Standard Carton Measurement (L×W×H)	540mm × 425mm × 325mm
Standard Carton Gross Weight	13.7 kg
Optional Accessories	LAN Port, LA Module



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SPECIFICATIONS

Specifications	UTD5062C	UTD5082C	UTD5102C
Channels	2	2	2
Bandwidth	600MHz	800MHz	1GHz
Sample Rate	5GS/s	5GS/s	5GS/s
Rise Time	≤583ps	≤438ps	≤350ps
Memory Depth	128Mpts		
Waveform Acquisition Rate	≥30,000wfms/s		
Vertical Sensitivity	2mV/div~5V/div		
Time-Based Range	500ps/div, 1ns/div ~ 40s/div		
Storage	Setup, Wave, Bitmap, CSV		
Trigger Modes	Edge, Pluse, Video, Alternate		
Interfaces	USB Device, USB Host		

GENERAL CHARACTERISTICS

Power	100-240VAC, 50Hz/60Hz
Display	8.4 Inches TFT LCD, SVGA (800×600)
Product Color	White and Gray
Product Net Weight	3.7 kg
Product Size (W×H×D)	330mm × 230mm × 200mm
Standard Accessories	10:1 Probe×2, Power Cord, USB Cable, PC Software CD
Standard Individual Packing	Gift Box
Standard Quantity Per Carton	1 PCs
Standard Carton Measurement (L×W×H)	400mm × 325mm × 375mm
Standard Carton Gross Weight	5.4 kg
Optional Accessories	Active Probe



SPECIFICATIONS

Specifications	UTG2025A	UTG2062A
Channels	2	2
Sample Rate	125MS/s	250MS/s
Output Frequency	25MHz	60MHz
Frequency Resolution	1μHz	1μHz
Vertical Resolution	14 bits	14 bits
Max.Arb Memory Depth	8 kpts	1 Mpts
Waveforms	Sine, Square, Ramp, Triangle, Pulse, Noise, DC, Arb	
Output Amplitude Range	1mVpp~10Vpp(50Ω); 2mVpp~20Vpp(High Z)	
Modulation Types	AM, FM, PM, ASK, FSK, PWM, Sweep, Burst	
Interfaces	USB Device, USB Host, Frequency Counter	

GENERAL CHARACTERISTICS

Power	100-240VAC, 50Hz/60Hz
Display	4.3 Inches TFT LCD, WVGA (480×272)
Product Color	White and Gray
Product Net Weight	3.2 kg
Product Size	165mm×320mm×110mm
Standard Accessories	BNC Cable, Power Cord, USB Cable, PC Software CD
Standard Individual Packing	Gift Box
Standard Quantity Per Carton	2 PCs
Standard Carton Measurement	380mm×330mm×320mm
Standard Carton Gross Weight	9.7 kg
Optional Accessories	LAN Port



FEATURES AND BENEFITS

- ▶ 80MHz/120MHz/160MHz sine waveform output, 1 μ Hz full-band resolution ;
- ▶ 30MHz/40MHz/50MHz pulse waveform, adjustable rise/fall time ;
- ▶ 500M/s sample rate, 16 bits vertical resolution ;
- ▶ Standard dual channels, supporting stand-alone or channel-coupling output mode ;
- ▶ 32Mpts arbitrary waveform length, 7GB nonvolatile memory;
- ▶ Versatile modulation choices: AM、FM、ASK、FSK、PSK、BPSK、QPSK、OSK、PWM、SUM、QAM
- ▶ 8 Inches TFT LCD,WVGA (800×480);
- ▶ Standard Ports: USB Host, USB Device, LAN,10MHz input/output, Frequency Counter, FSK Trig, Modulation In.

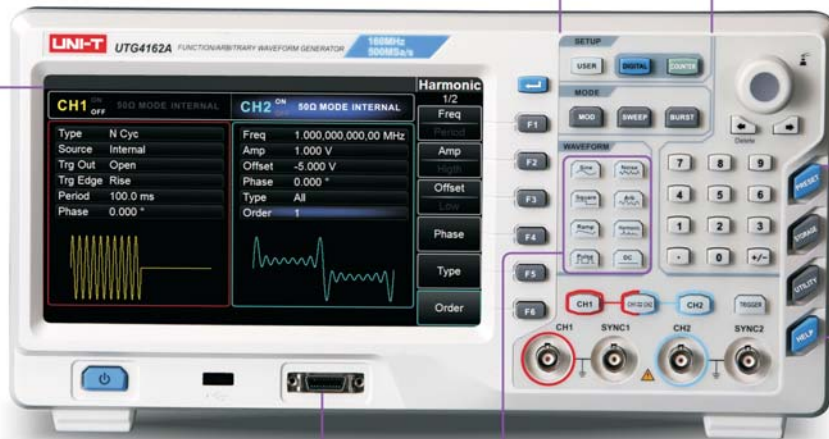


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INDUSTRIAL DESIGN

8 Inches TFT Color LCD Display
with WVGA (800×480) Resolutions

Function Area



Quick
Access
Keys

Digital Signal Generation Output

Waveform Selection
Shortcut Keys

Anti-Theft Lock Hole



Multiple I/O Interfaces

Dimensions (W × H × D): 336mm × 164mm × 108mm



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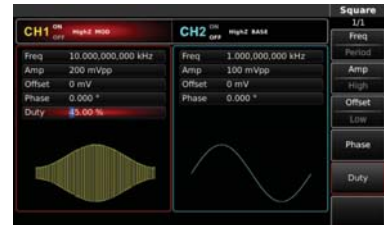
USER INTERFACE



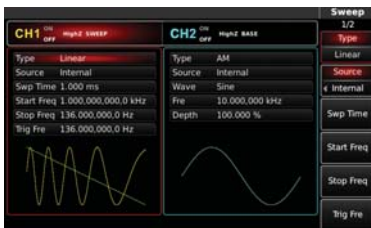
Arbitrary waveform function



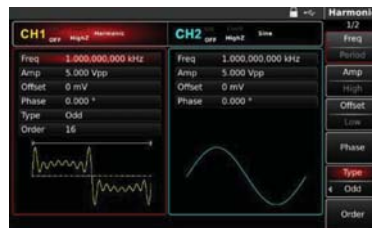
Noise Modes



Various Modulation Options



Linear and Logarithmic Sweep Available



Customize Harmonic Generation Function



Special Digital Interface (Optional)

SPECIFICATIONS-Part 1

Specifications	UTG4082A	UTG4122A	UTG4162A
Channels	2	2	2
Bandwidth	80MHz	120MHz	160MHz
Sample Rate	500M/s	500M/s	500M/s
Waveforms	Sine, Square, Ramp, Harmonic, Pulse, Noise, DC, Arbitrary Waveforms		
Working Mode	Output Gate, Continuous, Modulate, Frequency Sweep, Burst		
Modulation Types	AM, FM, ASK, FSK, PSK, BPSK, QPSK, OSK, PWM, SUM, QAM		
Frequency Characteristics			
Sine	1μHz~80MHz	1μHz~120MHz	1μHz~160MHz
Square	1μHz~30MHz	1μHz~40MHz	1μHz~50MHz
Pulse	1μHz~30MHz	1μHz~40MHz	1μHz~50MHz
Ramp	1μHz~2MHz	1μHz~3MHz	1μHz~4MHz
Harmonic	1μHz~40MHz	1μHz~60MHz	1μHz~80MHz
Arbitrary	20MHz	30MHz	40MHz
Noise(-3dB)	80MHz Bandwidth	120MHz Bandwidth	160MHz Bandwidth
Resolution	1μHz	1μHz	1μHz
Arbitrary Waveform			
Waveform Length (Max.)	8~32Mpts	8~32Mpts	8~32Mpts
Vertical Resolution	16 bits	16 bits	16 bits
Sample Rate	500MSa/s	500MSa/s	500MSa/s
Min Fall/Rise Time	<7ns	<6ns	<5ns
Jitter(RMS)(typical)	6ns+30ppm	6ns+30ppm	6ns+30ppm
Nonvolatile Memory	7GB	7GB	7GB
Digital Arbitrary Waveform (Optional)			
Waveform Length	1~1k bits		
Sampling Rate	1S/s~40MS/s		
Transmission Mode	Manual single trigger, continuous trigger (no time delay)		
Waveform Resolution	16 bits maximum		
Output Voltage Level	TTL		
Output Characteristics			
Amplitude Range (50Ω)	≤20MHz:1mVpp~10Vpp	≤80MHz:1mVpp~5Vpp	≤120MHz:1mVpp~2.5Vpp
Accuracy(1kHz sine)	±(1% of setting value+1mVpp)		
Amplitude Flatness (with reference to 1kHz sine wave, 5Vpp)	≤10MHz :±0.1dB	≤80MHz : ±0.2dB	≤120MHz:±0.4dB
DC Offset			
Range(Peak AC+DC)	±5V(50Ω) ±10V (High resistance)		
Offset Accuracy	±(2% of Offset setting+ 0.5% of amplitude +2mV)		



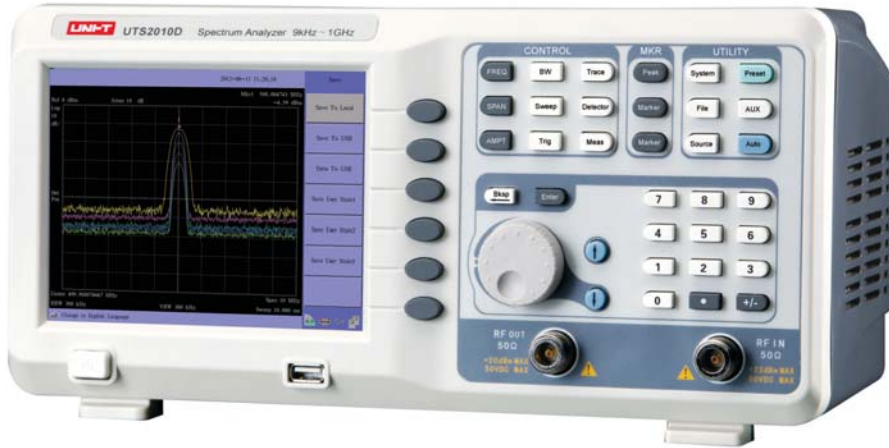
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SPECIFICATIONS-Part 2

Specifications	
Waveform Output	
Impedance	50Ω, typical
Isolation	42Vpk maximum to earth
Protection	Short-circuited protection, waveform output disabled automatically when overloaded.
Connector on Back Panel	
Modulation Input	
External AM Modulation	<20kHz ±5Vpk full-scale 5kΩ (input impedance)
Clock Input/Output	
Input/output Frequency Range	10MHz±500Hz
Input/output Level Range	TTL Compatible
Input/output Impedance	10kΩ/ 50Ω(AC Coupled)
Lock Time	< 1s
Trigger Input	
Input Level	TTL Compatible
Slope	Rise or Fall,selectable
Pulse Width	>100ns
Input Impedance	> 10kΩ,DC-coupled
Response Time	Sweep:<500μs, Typical Burst:< 500ns, Typical
Trigger Output	
Level	TTL Compatible, to 50Ω
Pulse Width	>400ns,Typical
Output Impedance	50Ω,Typical
Max. Frequency	1MHz
Sync Output	
Input Level	TTL Compatible
Output Impedance	50Ω
Frequency Counter	
Level	TTL Compatible (200mV~9Vpp)
Input Frequency	100mHz~800MHz
Trigger Level	0~±2.5Vdc
Accuracy	±51ppm
Frequency Resolution	7 bits
High Frequency Rejection	ON/OFF
Trigger Sensitivity Adjustable	0%~100%
Coupling	DC, AC

GENERAL CHARACTERISTICS

Power	100~240 VAC, 50Hz/60Hz
Display	8 Inches TFT Color LCD Display with WVGA(800 × 480) Resolution
Product Color	White and Gray
Product Net Weight	3.5 kg
Product Size (W×H×D)	336mm × 164mm × 108mm
Standard Accessories	BNC Cable, Power Cord, USB Cable, PC Software CD
Standard Individual Packing	Gift Box
Standard Quantity Per Carton	2 PCs
Standard Carton Measurement(L×W×H)	336mm × 164mm × 108mm
Standard Carton Cross Weight	9.5 kg
Optional Accessories	Digital Protocol Connector



SPECIFICATIONS-Part 1

Specification	UTS2010	UTS2010D	UTS2020	UTS2020D	UTS2030	UTS2030D
Spectrum Measurement						
Range	9kHz~1GHz		9kHz~1.8GHz		9kHz~3GHz	
Resolution	1Hz					
Accuracy	$\pm(\text{Frequency Marker Readout} * \text{Frequency Reference Accuracy} + 1\% * \text{Span} + 10\% * \text{RBW} + 0.5 * [\text{Span}/(\text{Sweep Points}-1)] + 1\text{Hz})$					
Internal Reference(10MHz)	Aging Rate < 1ppm/year; Stability Over Temperature < 0.5ppm(15°C ~ 35;)					
Resolution Bandwidth (RBW)						
Range (< 10Hz Option)	1Hz ~ 500kHz ,1MHz,3MHz					
Electability(60dB/3dB)	RBW≤500kHz ; < 5:1 Typical (Digital implementation,next to Gaussian shape)					
Accuracy	RBW≤500kHz; <5%, Typical					
Video Bandwidth	10Hz~3MHz,1-3-10 Sequence					
Average Noise Level (10Hz RBW, 0dB RF Attenuator)						
Preamplifier Off	100kHz~1MHz:<-100dBm-3*(f/100kHz)dB		100kHz~1MHz:<-100dBm-3*(f/100kHz)dB		100kHz~1MHz:<-100dBm-3*(f/100kHz)dB	
	1MHz~10MHz:<-130dBm		1MHz~10MHz:<-130dBm		1MHz~10MHz:<-130dBm	
	10MHz~1GHz:<-135dBm		10MHz~1GHz:<-135dBm		10MHz~1GHz:<-135dBm	
	1GHz~1.8GHz:<-134dBm		1GHz~1.8GHz:<-134dBm		1GHz~3.0GHz:<-134dBm	
Preamplifier On	100kHz~1MHz:<-120dBm-3*(f/100kHz)dB		100kHz~1MHz:<-120dBm-3*(f/100kHz)dB		100kHz~1MHz:<-120dBm-3*(f/100kHz)dB	
	1MHz~10MHz:<-150dBm		1MHz~10MHz:<-150dBm		1MHz~10MHz:<-150dBm	
	10MHz~1GHz:<-155dBm		10MHz~1GHz:<-155dBm		10MHz~1GHz:<-155dBm	
	1GHz~1.8GHz:<-153dBm		1GHz~1.8GHz:<-153dBm		1GHz~3.0GHz:<-148dBm	
Phase Noise (fc=500MHz)						
Offset 30kHz			-90dBc/Hz			
Offset 100kHz			-100dBc/Hz			
Offset 1MHz			-115dBc/Hz			
Sweep Time						
Span (100Hz≤SPAN≤3GHz)			10ms to 3000s			
Zero Span			1ms to 3000s			
Sweep Modes			Continuous, Single			
Trigger						
Trigger Source			AUTO, Video, EXT			
Offset 100kHz			5V TTL Level (Typical)			
Frequency Counter						
Resolution			1Hz, 10Hz, 100Hz, 1kHz			
Uncertainty			Frequency Readout x Frequency Reference Progress+Counter Resolution			
Amplitude Accuracy (20°C~30°C)						
Overall Amplitude Accuracy(90%)			±1.5dB Input Signal Range: -50dBm ~ 0dBm			
Amplitude						
Max. Safe Input Level	Average Continuous Power: +23dBm		Average Continuous Power: +23dBm		Average Continuous Power: +27dBm	
Max. Input DC Voltage	50Vdc		50Vdc		50Vdc	
Input Attenuator Range	0~30B, in 1dB step		0~30B, in 1dB step		0~30B, in 3dB step	
1dB Compression	+7dBm		+7dBm		+7dBm	
Stray and Residual Response						
Third-Order Intercept(TOI)			> 30MHz: +13dBm			
Second Harmonic Intercept(SHI)			+30dBm			



SPECIFICATIONS-Part 2

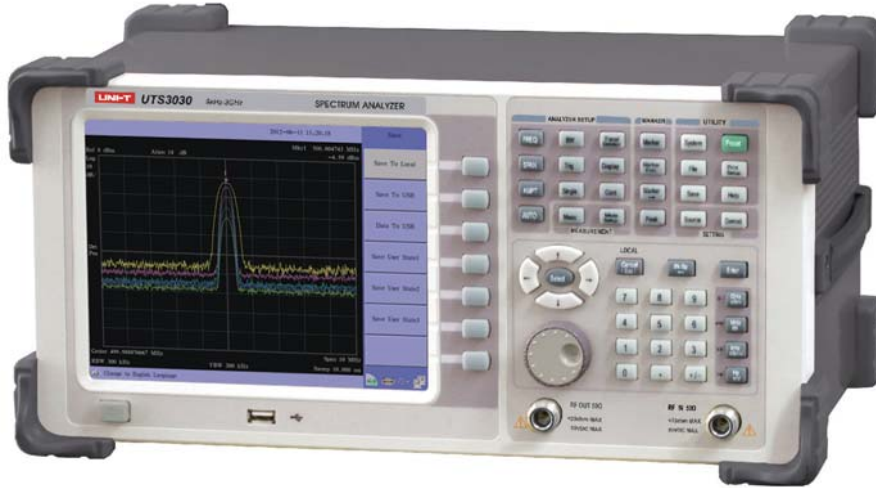
Specification	UTS2010	UTS2010D	UTS2020	UTS2020D	UTS2030	UTS2030D
Input Related Spurious	< -60dBm		< -60dBm		< -60dBm	
Residual Response	< -85dBm		< -85dBm		< -85dBm	
Stray and Residual Response						
Third-Order Intercept(TOI)	>30MHz: +13dBm		>30MHz: +13dBm		>30MHz: +13dBm	
Second Harmonic Intercept(SHI)	+30dBm		+30dBm		+30dBm	
Input Related Spurious	< -60dBm		< -60dBm		< -60dBm	
Residual Response	< -85dBm		< -85dBm		< -85dBm	
Tracking Generator						
Frequency Range	100kHz to 1GHz		100kHz to 1.8GHz		100kHz to 3GHz	
Output Power	-30dBm~0dBm,in 1dB step		-30dBm~0dBm,in 1dB step		-30dBm~0dBm,in 1dB step	
Output Flatness	Tracking signal source (100kHz~1.0GHz)	±3dB	Tracking signal source (100kHz~1.8GHz)	±3dB	Tracking signal source (100kHz~3.0GHz)	±3dB
	Independent signal source (150MHz~1.0GHz)	±3dB	Independent signal source (150MHz~1.8GHz)	±3dB	Independent signal source (150MHz~3.0GHz)	±3dB
Input/Output						
RF Input	SMA Type, Female(50Ω)					
USB	USB Host, USB Device					
LAN	10/100 Base-T, RJ-45 Connector					
RS-232	9 Pin D-SUB (Positive)					
AM/FM Demodulation	Headset					
Reference Input/Output	10MHz, BNC Negative, Input: 0dBm~+10dBm; Ouput: 0dBm±2dB					
VGA	640×480,60Hz,15 Pin, D-SUB(Negative)					
External Trigger Input	BNC (Negative), 5V TTL Level (±10V, 100mA Max.)					

GENERAL CHARACTERISTICS

Internal Memory	128MB
Power	Input Voltage:100V~240V; Frequency: 40Hz/60Hz; Max Consumption: 20W
Display	8 Inches TFT LCD, WVGA(800×480)
Product Color	White and Gray
Product Net Weight	4.0 kg
Product Size (W×H×D)	330mm × 163mm × 165mm
Standard Accessories	Power Cord, N/SMA Convertor, N/BNC Convertor, RF Cable, Antenna
Standard Individual Packing	Gift Box, English Manua
Standard Quantity Per Carton	1 PC
Standard Carton Measurement(L×W×H)	475mm × 255mm × 240mm
Standard Carton Cross Weight	5.1 kg
Optional Accessories	USB-GPIB



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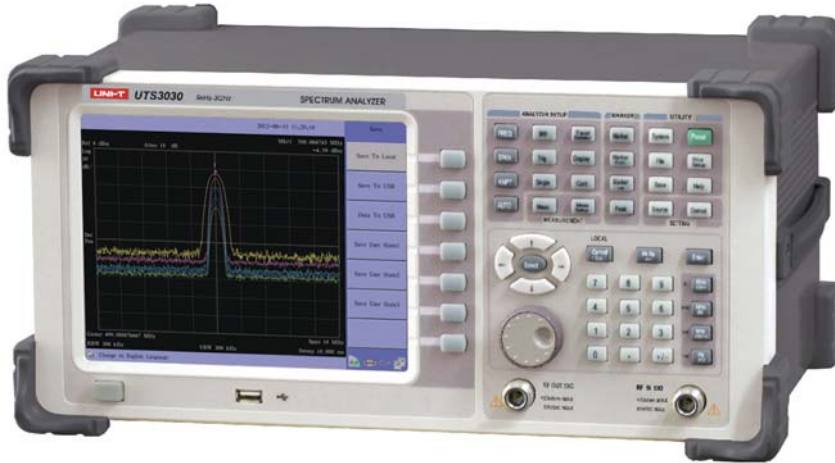


SPECIFICATIONS-Part 1

Specification	UTS3030	UTS3030D	UTS3070D
Spectrum Measurement			
Range	9kHz~3.0GHz		9kHz~7.5GHz
Resolution	1Hz		1Hz
Accuracy	$\pm(\text{Frequency Marker Readout} \times \text{Frequency Reference Accuracy} + 1\% \times \text{Span} + 10\% \times \text{RBW} + 0.5\% \times [\text{Span}/(\text{Sweep Points}-1)] + 1\text{Hz})$		
Internal Reference(10MHz)	Aging Rate < 1ppm/year; Stability Over Temperature < 0.5ppm(15°C ~ 35°C)		
Resolution Bandwidth (RBW)			
Range (< 10Hz Option)	1Hz~500kHz, 1MHz, 3MHz		
Electability(60dB/3dB)	RBW ≤ 500kHz; < 5:1 Typical (Digital implementation, next to Gaussian shape)		
Accuracy	RBW ≤ 500kHz; < 5%, Typical		
Video Bandwidth	10Hz~3MHz, 1-3-10 Sequence		
Average Noise Level (1Hz RBW, 0dB RF Attenuator)			
PA OFF	100kHz~1MHz: < -100dBm-3×(f/100kHz)dB		100kHz~1MHz: < -95dBm-3×(f/100kHz)dB
	1MHz~10MHz: < -130dBm		100kHz~10MHz: < -125dBm
	10MHz~1GHz: < -135dBm		10MHz~2GHz: < -133dBm
	1GHz~3GHz: < -130dBm		2GHz~3.4GHz: < -130dBm
			3.4GHz~5GHz: < -133dBm
			5GHz~7.5GHz: < -127dBm
PA ON	100kHz~MHz: < -120dBm-3×(f/100kHz)dB		100kHz~1MHz: < -110dBm-3×(f/100kHz)dB
	100kHz~10MHz: < -150dBm		100kHz~10MHz: < -140dBm
	10MHz~1GHz: < -155dBm		10MHz~2GHz: < -148dBm
	1GHz~3GHz: < -148dBm		2GHz~3.4GHz: < -143dBm
			3.4GHz~5GHz: < -145dBm
			5GHz~7.5GHz: < -138dBm
Phase Noise (fc=500MHz)			
Offset 30kHz	-90dBc/Hz		-80dBc/Hz
Offset 100kHz	-100dBc/Hz		-90dBc/Hz
Offset 1MHz	-115dBc/Hz		-110dBc/Hz
Sweep Time			
Span (100Hz ≤ SPAN ≤ 3GHz)	10ms to 3000s		10ms to 3000s
Zero Span	1ms to 3000s		1ms to 3000s
Sweep Modes	Continuous, Single		Continuous, Single
Trigger			
Trigger Source	AUTO, Video, EXT		AUTO, Video, EXT
Offset 100kHz	5V TTL Level (Typical)		5V TTL Level (Typical)
Frequency Counter			
Resolution	1Hz, 10Hz, 100Hz, 1kHz		1Hz, 10Hz, 100Hz, 1kHz
Uncertainty	Frequency Readout x Frequency Reference Progress+Counter Resolution		Frequency Readout x Frequency Reference Progress+Counter Resolution
Amplitude Accuracy (20°C~30°C)			
Overall Amplitude Accuracy(90%)	± 1.5dB Input Signal Range:-50dBm~0dBm		± 1.5dB Input Signal Range:-50dBm~0dBm



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SPECIFICATIONS-Part 2

Specification	UTS3030	UTS3030D	UTS3070D
Amplitude			
Max. Safe Input Level	Average Continuous Power: +27dBm		Average Continuous Power: +23dBm
Max. Input DC Voltage	50Vdc	50Vdc	50Vdc
Input Attenuator Range	0~39dB, in 3dB step	0~39dB, in 3dB step	0~30dB, in 3dB step
1dB Compression	+7dBm	+7dBm	+10dBm
Stray and Residual Response			
Third-Order Intercept(TOI)	>30MHz:+13dBm	>30MHz:+13dBm	>30MHz:+15dBm
Second Harmonic Intercept(SHI)	+30dBm	+30dBm	+30dBm
Input Related Spurious	< -60dBm	< -60dBm	< -60dBm
Residual Response	< -85dBm	< -85dBm	< -85dBm
Tracking Generator			
Frequency Range		100kHz to 3.6GHz	100kHz to 3.2GHz
Output Power		-30dBm~0dBm, in 1dB step	-30dBm~0dBm, in 1dB step
Output Flatness	Tracking signal source (100kHz~3.6GHz) ±3dB		Tracking Signal Source (100kHz~3.2GHz) ±3dB
	Independent signal source (150MHz~3.6GHz) ±3dB		
Input/Output			
RF Input	N Type, Negative(50Ω)		
USB	USB Host, USB Device		
LAN	10/100 Base-T, RJ-45 Connector		
RS-232	9 Pin D-SUB (Positive)		
AM/FM Demodulation	Headset		
Reference Input/Output	10MHz, BNC Negative, Input: 0dBm ~ +10dBm; Ouput: 0dBm ±2dB		
VGA	640*480, 60Hz, 15 Pin, D-SUB (Negative)		
External Trigger Input	BNC (Negative), 5V TTL Level (±10V, 100mA Max.)		

GENERAL CHARACTERISTICS

Internal Memory	128MB
Power	Input Voltage: 100VAC~240VAC; Frequency: 40Hz/60Hz; Max Consumption: 30W
Display	8.4 Inches TFT LCD, VGA(800×600)
Product Color	White and Gray
Product Net Weight	6.5 kg
Product Size (W×H×D)	390mm × 182mm × 230mm
Standard Accessories	Power Cord, N/SMA Converter, N/BNC Converter, RF Cable, Antenna
Standard Individual Packing	Gift Box, English Manual
Standard Quantity Per Carton	1 PC
Standard Carton Measurement(L×W×H)	480mm × 380mm × 285mm
Standard Carton Cross Weight	9.3 kg
Optional Accessories	USB-GPIB



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SPECIFICATIONS

Specifications		UTP3313TFL	UTP3315TFL
Model		CH	CH
Channels		0~30V	0~30V
Output Voltage		0~3A	0~5A
Output Current		≤0.01%+3mV	≤0.01%+3mV
Load Regulation	Voltage	≤0.2%+3mA	≤0.2%+3mA
	Current	≤0.01%+3mV	≤0.01%+3mV
Line Regulation	Voltage	≤0.1%+3mA	≤0.1%+5mA
	Current	1mVrms	1mVrms
Ripple and Noise	Voltage	3mArms	3mArms
	Current	≤ ±1%rdg+2digits	
Display Accuracy		≥2000 hours	
Reliability (MTBF)		LED display also shows the voltage and current values	
Display			

GENERAL CHARACTERISTICS

Power	Input Voltage: 115VAC/230VAC(Optional); Frequency: 50Hz/60Hz
Product Colour	White and Gray
Product Net Weight	UTP3313TFL 3.0kg; UTP3315TFL 4.0kg
Product Size (W×H×D)	105mm × 160mm × 230mm
Standard Accessories	Power Cord
Standard Individual Packing	Gift Box, English Manual
Standard Quantity Per Carton	4 PCs
Standard Carton Measurement(W×H×D)	330mm × 285mm × 460mm
Standard Carton Gross Weight	UTP3313TFL 14.0kg; UTP3315TFL 17.0kg



SPECIFICATIONS

Specifications		UTP3303			UTP3305		
Model		CH1	CH2	CH3	CH1	CH2	CH3
Channels							
Output Voltage		0~32V			0~32V		
Output Current		0~3A			0~5A		
Load Regulation	Voltage	≤0.01%+3mV	≤3%+5mV		≤0.01%+3mV	≤3%+5mV	
	Current	≤0.2%+3mA	--		≤0.2%+3mA	--	
Line Regulation	Voltage	≤0.01%+3mV	5mV		≤0.01%+3mV	5mV	
	Current	≤0.1%+3mA	--		≤0.1%+5mA	--	
Ripple and Noise	Voltage	1mVrms	2mVrms		1mVrms	2mVrms	
	Current	3mA _{rms}	--		3mA _{rms}	--	
Display Accuracy		≤ ±1%rdg+2digits					
Reliability (MTBF)		≥2000 hours					
Display		LED display also shows the voltage and current values					

GENERAL CHARACTERISTICS

Power	Input Voltage: 115VAC/230VAC(Optional); Frequency: 50Hz/60Hz
Product Colour	White and Gray
Product Net Weight	UTP3303- 8.7 kg; UTP3305-10.0 kg
Product Size (W×H×D)	260mm × 176mm × 317mm
Standard Accessories	Power Cord
Standard Individual Packing	Gift Box, English Manual
Standard Quantity Per Carton	1 PCs
Standard Carton Measurement(W×H×D)	430mm × 400mm × 255mm
Standard Carton Gross Weight	UTP3303- 10 kg; UTP3305-12 kg



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SPECIFICATIONS

Specifications		UTP1303
Model		UTP1303
Output Voltage		0~32V
Output Current		0~3A
Load Regulation	Voltage	$\leq 0.01\% + 3mV$
	Current	$\leq 0.2\% + 3mA$
Line Regulation	Voltage	$\leq 0.01\% + 3mV$
	Current	$\leq 0.1\% + 3mA$
Ripple and Noise	Voltage	1mVrms
	Current	3mArms
Display Accuracy		$\leq \pm 1\%rdg + 2digits$
Reliability (MTBF)		≥ 2000 hours
Display		LED display also shows the voltage and current values

GENERAL CHARACTERISTICS

Power	Input Voltage: 115VAC/230VAC(Optional); Frequency: 50Hz/60Hz
Product Colour	White and Gray
Product Net Weight	5.0 kg
Product Size (W×H×D)	145mm × 175mm × 284mm
Standard Accessories	Power Cord
Standard Individual Packing	Gift Box, English Manual
Standard Quantity Per Carton	2 PCs
Standard Carton Measurement(L×W×H)	430mm × 400mm × 255mm
Standard Carton Gross Weight	11 kg



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SPECIFICATIONS

Specifications		UTP1305
Model		UTP1305
Output Voltage		0~32V
Output Current		0~5A
Load Regulation	Voltage	$\leq 0.01\% + 3mV$
	Current	$\leq 0.2\% + 3mA$
Line Regulation	Voltage	$\leq 0.01\% + 3mV$
	Current	$\leq 0.1\% + 5mA$
Ripple and Noise	Voltage	1mVrms
	Current	3mArms
Display Accuracy		$\leq \pm 1\%rdg + 2digits$
Reliability (MTBF)		≥ 2000 hours
Display		LED display also shows the voltage and current values

GENERAL CHARACTERISTICS

Power	Input Voltage: 115VAC/230VAC(Optional); Frequency: 50Hz/60Hz
Product Colour	White and Gray
Product Net Weight	6.0 kg
Product Size (W×H×D)	145mm × 175mm × 284mm
Standard Accessories	Power Cord
Standard Individual Packing	Gift Box, English Manual
Standard Quantity Per Carton	2 PCs
Standard Carton Measurement(L×W×H)	430mm × 400mm × 255mm
Standard Carton Gross Weight	13 kg



EN:61010-1,EN:61010-031,EN:61010-2-030
EN:61000-3-2,EN:61000-3-3
EN:61326-1,EN:61326-2-1



■ UT801



■ UT802

SPECIFICATIONS



Specifications	Range	Best Accuracy	
Model		UT801	UT802
DC Voltage (V)	200mV/2V/20V/200V/1000V	±(0.5%+2)	±(0.1%+3)
AC Voltage (V)	2V/20V/200V/750V	±(0.8%+3)	±(0.5%+20)
DC Current (A)	200µA/2mA/20mA/200mA/10A	±(0.8%+2)	±(0.5%+20)
AC Current (A)	2mA/20mA/200mA/10A	±(1.0%+3)	±(0.8%+40)
Resistance (Ω)	200Ω/2kΩ/20kΩ/200kΩ/2MΩ/20MΩ	±(0.8%+3)	
	200Ω/2kΩ/20kΩ/200kΩ/2MΩ/200MΩ		±(0.5%+10)
Capacitance (F)	20nF/2µF/200µF	±(4%+3)	±(4%+10)
Frequency (Hz)	2kHz/200kHz	±(1.5%+5)	±(1.2%+10)
Temperature (°C)	-40 °C~1000 °C	±(1.2%+3)	±(1.2%+25)
Features			
Display Count		2000	20000
Manual Range		✓	✓
Diode		✓	✓
Transistor		✓	✓
Continuity Buzzer		✓	✓
Low Battery Indication		✓	✓
Data Hold		✓	✓
LCD Backlight		✓	✓
Input Impedance for DCV	Around 10MΩ	✓	✓
Misuse Alarm		✓	✓

GENERAL CHARACTERISTICS

Power	AC 220V/50Hz or 1.5V Batteries (R14)×6
LCD Size	108mm × 34.5mm
Product Color	Red and Gray
Product Net Weight	1.65 kg
Product Size (W×H×D)	300mm × 105mm × 240mm
Standard Accessories	Battery, Test Lead, Alligator Clip, Point Contact Temperature Probe, Multi-Purpose Socket AC 220V Power Cord, Power Adapter
Standard Individual Packing	Gift Box, English Manual
Standard Quantity Per Carton	4 PCs
Standard Carton Measurement (L×W×H)	680mm × 365mm × 320mm (0.0794 CBM Per Standard Carton)
Standard Carton Gross Weight	11.7 kg



EN:61010-1,EN:61010-2-030
EN:61000-3-2,EN:61000-3-3
EN:61326-1,EN:55022

■ UT803



SPECIFICATIONS

Specifications	Range	Best Accuracy
Model		UT803
DC Voltage (V)	600mV/6V/60V/600V/1000V	±(0.3%+2)
AC Voltage (V)	600mV/6V/60V/600V/1000V	±(0.6%+5)
DC Current (A)	600µA/6000µA/60mA/600mA/10A	±(0.5%+3)
AC Current (A)	600µA/6000µA/60mA/600mA/10A	±(1%+5)
Resistance (Ω)	600Ω/6kΩ/60kΩ/600kΩ/6MΩ/60MΩ	±(0.5%+2)
Capacitance (F)	6nF/60nF/600nF/6µF/60µF/600µF/6mF	±(2%+5)
Frequency (Hz)	6kHz/60kHz/600kHz/6MHz/60MHz	±(0.1%+3)
Temperature (°C)	-40 °C~1000°C	±(1%+3)
Temperature (°F)	-40°F~1832°F	±(1.5%+5)
Features		
Display Count		6000
Auto Range		✓
Bandwidth (Hz)	100kHz	✓
Diode		✓
Transistor		✓
Auto Power Off		✓
Continuity Buzzer		✓
Low Battery Indication		✓
Data Hold		✓
MAX/MIN		✓
RS-232		✓
USB Interface		✓
LCD Backlight		✓
Input Protection		✓
Input Impedance for DCV	600mV Range:Around 3GΩ ,All Other Ranges: Around 10MΩ	✓
Voltage & Current:AC+DC Measurement		✓

GENERAL CHARACTERISTICS

Power	AC 220V/50Hz or 1.5V Batteries (R14)×6
LCD Size	128mm × 28mm
Product Color	Red and Gray
Product Net Weight	2.4 kg
Product Size (W×H×D)	310mm × 105mm × 240mm
Standard Accessories	Test Lead, AC 220V Power Cord, Software, RS-232 Interface Cable, USB Interface Cable, Alligator Clip, Point Contact Temperature Probe, Multi-Purpose Socket
Standard Individual Packing	Gift Box, English Manual
Standard Quantity Per Carton	4 PCs
Standard Carton Measurement (L×W×H)	680mm × 365mm × 320mm (0.0794 CBM Per Standard Carton)
Standard Carton Gross Weight	15 kg



■ UT804



EN:61010-1
EN:61010-2-030
EN:61000-3-2
EN:61000-3-3
EN:61326-1
EN:55022



SPECIFICATIONS

Specifications	Range	Best Accuracy
Model		UT804
DC Voltage (V)	400mV/4V/40V/400V/1000V	±(0.025%+5)
AC Voltage (V)	4V/40V/400V/1000V	±(0.4%+30)
DC Current (A)	400µA/4000µA/40mA/400mA/10A	±(0.1%+15)
AC Current (A)	400µA/4000µA/40mA/400mA/10A	±(0.7%+15)
Resistance (Ω)	400Ω/4kΩ/40kΩ/400kΩ/4MΩ/40MΩ	±(0.3%+40)
Capacitance (F)	40nF/400nF/4µF/40µF/400µF/4mF/40mF	±(1%+20)
Frequency (Hz)	40Hz/400Hz/4kHz/40kHz/400kHz/4MHz/40MHz/400MHz	±(0.01%+8)
Temperature (°C)	-40 °C~1000 °C	±(1%+30)
Temperature (°F)	-40 °F~1832 °F	±(1.5%+50)
Features		
Display Count		40000
Auto Range		✓
True RMS		✓
Voltage & Current Measurement		✓
Bandwidth (Hz)	100kHz	✓
Duty Cycle	0~100%	±(1.0%+40)
Diode		✓
Auto Power Off		✓
Continuity Buzzer		✓
Low Battery Indication		✓
Data Hold/Peak Hold/MAX/MIN		✓
Relative Mode		✓
Data Storage		9999
Data Recall		✓
RS-232/USB Interface		✓
Double Backlight		✓
Analogue Bar Graph		81
Input Protection		✓
Input Impedance for DCV	400mV Range: Around 4GΩ, All Other Ranges: Around 10MΩ	✓
Current Measurement Alarm		✓
4 - 20mA Loop	0~100%	±(1%+50)

GENERAL CHARACTERISTICS

Power	AC 220V/50Hz or 1.5V Batteries (R14)×6
LCD Size	128mm × 28mm
Product Color	Red and Gray
Product Net Weight	2.2 kg
Product Size (W×H×D)	310mm × 105mm × 240mm
Standard Accessories	Test Lead, AC 220V Power Cord, Software, RS-232 Interface Cable, USB Interface Cable, Alligator Clip, Point Contact Temperature Probe, Test Clip
Standard Individual Packing	Gift Box, English Manual
Standard Quantity Per Carton	4 PCs
Standard Carton Measurement (L×W×H)	680mm × 365mm × 320mm (0.0794 CBM Per Standard Carton)
Standard Carton Gross Weight	15 kg



EN:61010-1
EN:61010-2-030
EN:61000-3-2
EN:61000-3-3
EN:61326-1
EN:55022

■ UT805A



SPECIFICATIONS

Specifications	Range	Best Accuracy
Model		UT805A
DC Voltage (V)	200mV/2V/20V/200V/1000V	±(0.015%+3)
AC Voltage (V)	200mV/2V/20V/200V/750V	±(0.2%+100)
DC Current (A)	2mA/200mA/10A	±(0.03%+10)
AC Current (A)	2mA/200mA/10A	±(0.3%+100)
Resistance (Ω)	200Ω/2kΩ/20kΩ/200kΩ/2MΩ/20MΩ	±(0.02%+6)
Capacitance (F)	6nF/60nF/600nF/6μF/60μF/600μF/6mF	±(2%+5)
Frequency (Hz)	10Hz~60MHz	±(0.1%+3)
Features		
Display Count		200000
Auto Range		✓
True RMS		✓
Bandwidth (Hz)	100kHz	✓
Diode		✓
Continuity Buzzer		✓
Data Hold		✓
Relative Mode		✓
MAX/MIN		✓
Data Storage		100
Data Recall		✓
RS-232		✓
USB Interface		✓
LCD Backlight		✓
Dot-matrix LCD	256×64 Pixels	✓
Setup		✓
Input Protection		✓
Input Impedance for DCV	2V Range: Around 10GΩ, All Other Ranges: Around 10MΩ	✓
Voltage & Current: AC+DC Measurement		✓

GENERAL CHARACTERISTICS

Power	AC 220V/50Hz
LCD Size	128mm × 28mm
Product Color	Red and Gray
Product Net Weight	3.2 kg
Product Size (W×H×D)	300mm × 105mm × 245mm
Standard Accessories	Test Lead, AC 220V Power Cord, RS-232 Interface Cable, USB Interface Cable, PC Software CD, Alligator Clip, Multi-Purpose Socket, Test line
Standard Individual Packing	Gift Box, English Manual
Standard Quantity Per Carton	4 PCs
Standard Carton Measurement (L×W×H)	685mm × 450mm × 315mm (0.097 CBM Per Standard Carton)
Standard Carton Gross Weight	19.2 kg



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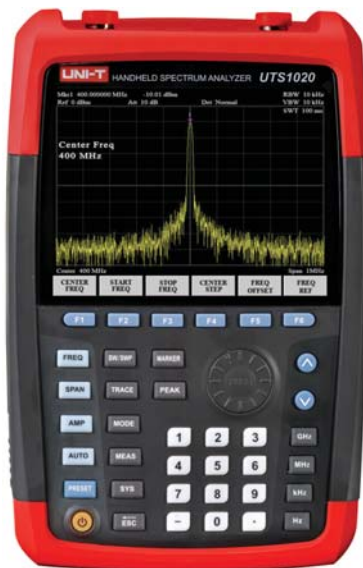


SPECIFICATIONS-Part 1

Specifications	UTS1010	UTS1020	UTS1030
Spectrum Measurement			
Range	9kHz~2GHz	9kHz~2.6GHz	9kHz~3.6GHz
Resolution	1Hz		
Accuracy	± (Frequency Marker Readout* Frequency Reference Accuracy +1%*Span +10%*RBW+0.5*[Span/(Sweep Points-1)]+1Hz)		
Internal Reference(10MHz)	Aging Rate <1ppm/year Stability Over Temperature<0.5ppm(15°C~35°C)		
Resolution Bandwidth (RBW)			
Range (<10Hz Optional)	5Hz ~ 3MHz		
Electability(60dB/3dB)	RBW ≤ 500kHz: < 5:1 Typical (Digital implementation, next to Gaussian shape); < 5% Typical		
Accuracy	RBW ≤ 500kHz, < 5% Typical		
Video Bandwidth	10Hz~3MHz		
Average Noise Level (1Hz RBW, 0dB RF Attenuator)			
Preamplifier Off	100kHz~1MHz: < -100dBm-3×(f/100kHz)dB 1MHz~10MHz: < -130dBm 10MHz~1GHz: < -135dBm 1GHz~3.6GHz: < -130dBm		
Preamplifier On	100kHz~1MHz: < -120dBm-3×(f/100kHz)dB 1MHz~10MHz: < -150dBm 10MHz~1GHz: < -155dBm 1GHz~3.6GHz: < -148dBm		
Phase Noise (fc=500MHz)			
Offset 30kHz	-90dBc/Hz		
Offset 100kHz	-100dBc/Hz		
Offset 1MHz	-110dBc/Hz		
Sweep Time			
Span (100Hz ≤ SPAN ≤ 3.6GHz)	10ms to 3000s		
Zero Span	1ms to 3000s		
Sweep Modes	Continuous, Single		
Trigger			
Trigger Source	AUTO, Video, EXT		
Offset 100kHz	5V TTL Level (Typical)		
Frequency Counter			
Resolution	1Hz, 10Hz, 100Hz, 1kHz		
Uncertainty	Frequency Readout x Frequency Reference Progress+Counter Resolution		
Amplitude Accuracy(20°C~30°C)			
Overall Amplitude Accuracy(90%)	± 1.5dB Input Signal Range: -50dBm ~ 0dBm		



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SPECIFICATIONS-Part 2

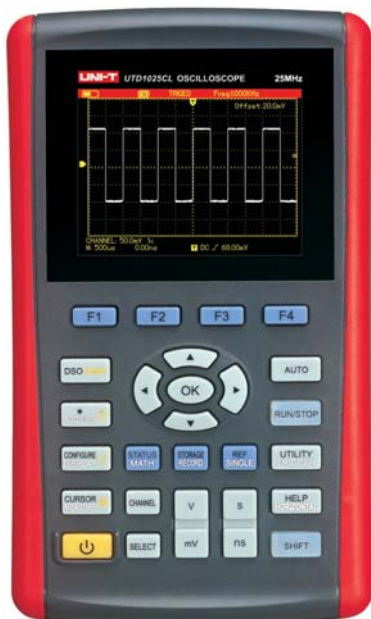
Specifications	UTS1010	UTS1020	UTS1030
Amplitude			
Max. Safe Input Level		Average Continuous Power: +27dBm	
Max. Input DC Voltage		50Vdc	
Input Attenuator Range		0~39dB, in 3dB step	
1dB Compression		+7dBm	
Residual Response			
Third-Order Intercept(TOI)		> 30MHz: +13dBm	
Second Harmonic Intercept(SHI)		+30dBm	
Input Related Spurious		< -60dBm	
Residual Response		< -85dBm	
Tracking Generator (Optional)			
Frequency Range		100kHz to 1.5GHz	
Output Power		-30dBm ~ 0dBm, in 1dB step	
Output Flatness		±3dB	
Input/Output			
RF Input		N Type, Female (50Ω)	
USB		USB Host, USB Device	
LAN		10/100 Base-T, RJ-45 Connector	
AM/FM Demodulation		Headset	
Reference Input/Output		10MHz, BNC Negative, Input: 0dBm ~ +10dBm; Output: 0dBm±2dB	

GENERAL CHARACTERISTICS

Power	Li-ion Battery: 7.4V 6600mAh; DC Adapter: 100-240VAC 50/60Hz 1.5A
Display	6.5 Inches TFT LCD, VGA (640×480)
Product Color	Red and Grey
Product Net Weight	3.0 kg
Product Size (W×H×D)	182mm × 288 mm × 142mm
Standard Accessories	DC Adapter, N/SMA Converter, N/BNC Converter, RF Cable, Antenna
Standard Individual Packing	Gift Box, English Manua
Standard Quantity Per Carton	1 PC
Standard Carton Measurement (L×W×H)	400mm × 280mm × 220mm
Standard Carton Cross Weight	3.9 kg



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SPECIFICATIONS

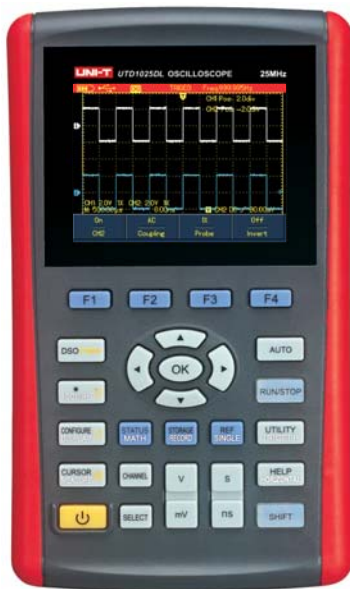
Specifications	UTD1025CL	UTD1050CL
Channels	1	1
Bandwidth	25MHz	50MHz
Sample Rate	200MS/s	200MS/s
Rise Time	≤14ns	≤7ns
Memory Depth	12kpts	12kpts
Vertical Sensitivity	5mV-20V/div	5mV-20V/div
Time-Based Range	10ns-50s/div	5ns-50s/div
Storage	Bitmap, Setup, Waveform	Bitmap, Setup, Waveform
Trigger Modes	Edge, Pulse, Video, Slope	Edge, Pulse, Video, Slope
Interfaces	Mini USB	Mini USB
Multimeter Specifications	Range	Best Accuracy
DC Voltage(V)	400.0mV/ 4.000V/ 40.00V/ 400.0V	±(1%+5)
AC Voltage(V)	400.0mV/ 4.000V/ 40.00V/ 400.0V	±(1.2%+5)
DC Current(A) (External Converter)	400.0μA/ 4000μA	±(1.2%+5)
	40.0mA/ 400mA	±(1%+5)
	10A	±(1.5%+5)
AC Current(V) (45Hz~400Hz) (External Converter)	400.0μA/ 4000μA	±(2%+5)
	40.0mA/ 400mA	±(1.5%+5)
	10A	±(2.5%+5)
Resistance(Ω)	400.0Ω/4.000kΩ/40.00kΩ/400.0kΩ/4.000MΩ	±(1.2%+5)
	40.00MΩ	±(1.5%+5)
Capacitance(F)	51.20nF/512.0nF/5.120μF/51.20μF/100μF	±(3%+5)
Display Count	4000	

GENERAL CHARACTERISTICS

Power	Lithium Battery: 7.4V 3600mAh; DC Adapter: 100~240V 50/60Hz input, 9V/4A Output
LCD Size	3.5 Inches TFT LCD, QVGA (320×240)
Product Color	Red and Grey
Product Net Weight	0.9 kg
Product Size (W×H×D)	199mm × 118mm × 49mm
Standard Accessories	DC Adaptor, Test Lead, Probe×1 (1×,10× switchable), Current-to-Voltage Converter, Power Cord, USB Cable, PC Software CD
Standard Individual Packing	Gift Box, Carrying Bag, English Manual
Standard Quantity Per Carton	6 PCs
Standard Carton Measurement (L×W×H)	515mm×295mm×315mm
Standard Carton Gross Weight	10.8 kg



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SPECIFICATIONS

Specifications	UTD1025DL	UTD1050DL
Channels	2	2
Bandwidth	25MHz	50MHz
Sample Rate	250MS/s	250MS/s
Rise Time	≤14ns	≤7ns
Memory Depth	12kpts	12kpts
Vertical Sensitivity	5mV-20V/div	5mV-20V/div
Time-Based Range	10ns-50s/div	5ns-50s/div
Storage	Bitmap, Setup, Waveform	Bitmap, Setup, Waveform
Trigger Modes	Edge, Pulse, Video, Slope	Edge, Pulse, Video, Slope
Interfaces	Mini USB	Mini USB
Multimeter Specifications	Range	Best Accuracy
DC Voltage(V)	400.0mV/ 4.000V/ 40.00V/ 400.0V	±(1%+5)
AC Voltage(V)	400.0mV/ 4.000V/ 40.00V/ 400.0V	±(1.2%+5)
DC Current(A) (External Converter)	400.0μA/ 4000μA	±(1.2%+5)
	40.0mA/ 400mA	±(1%+5)
AC Current(V) (45Hz~400Hz) (External Converter)	4A	±(1.5%+5)
	400.0μA/ 4000μA	±(2%+5)
Resistance(Ω)	40.0mA/ 400mA	±(1.5%+5)
	4A	±(2.5%+5)
Capacitance(F)	400.0Ω/4.000kΩ/40.00kΩ/400.0kΩ/4.000MΩ	±(1.2%+5)
	40.00MΩ	±(1.5%+5)
Display Count	51.20nF/512.0nF/5.120μF/51.20μF/100μF	±(3%+5)
	4000	

GENERAL CHARACTERISTICS

Power	Lithium Battery 7.4V 3600mAh DC Adapter: 100-240V 50/60Hz Input,9V 4A Output
LCD Size	3.5 Inches TFT LCD, QVGA (320×240)
Product Color	Red and Grey
Product Net Weight	0.9 kg
Product Size (W×H×D)	199mm × 118mm × 49mm
Standard Accessories	DC Adaptor, Test Lead, Probe×2 (1×,10× switchable), (Current-to-Voltage Converter)×2,Power Cord, USB Cable,PC Software CD
Standard Individual Packing	Gift Box, Carrying Bag,English Manual
Standard Quantity Per Carton	6 PCs
Standard Carton Measurement (L×W×H)	515mm × 295mm × 315mm
Standard Carton Gross Weight	10.8 kg



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SPECIFICATIONS

Specifications	UTD1025C	UTD1062C
Channels	2	2
Bandwidth	25MHz	60MHz
Sample Rate	250MS/s	250MS/s
Rise Time	≤ 14ns	≤ 5.8ns
Memory Depth	7.5kpts	7.5kpts
Vertical Sensitivity	5mV-50V/div	5mV-50V/div
Time-Based Range	5ns-50s/div	5ns-50s/div
Storage	Setup, Waveform, Bitmap	Setup, Waveform, Bitmap
Trigger Modes	Edge, Pulse, Video and Alternative	Edge, Pulse, Video and Alternative
Interfaces	USB HOST	USB HOST
Multimeter Specifications	Range	Best Accuracy
DC Voltage(V)	600mV/6V/60V/600V/1000V	±(1%+5)
AC Voltage(V) (45Hz~400Hz)	600mV/6V/60V/600V/700V	±(1.2%+5), Frequency: < 200Hz ±(1.5%+5), Frequency: ≥ 200Hz
DC Current(A) (External Converter)	6mA/60mA/600mA 6A	±(1.2%+5) ±(1.5%+5)
AC Current(V) (45Hz~400Hz) (External Converter)	6mA/60mA/600mA 6A	±(2%+5) ±(2.5%+5)
Resistance(Ω)	6kΩ/60kΩ/600kΩ 600Ω/6MΩ/60MΩ	±(1.2%+5) ±(1.5%+5)
Capacitance(F)	6nF/6mF 60nF/600nF/6μF/60μF/600μF	±(5%+10) ±(4%+5)
Display Count	6000	
Auto Range	√	

GENERAL CHARACTERISTICS

Power	Lithium Battery 7.4V 4400mAh DC Adapter: 100~240V 50/60Hz input, 9V/4A Output
Display	5.7 Inches TFT LCD, QVGA (320×240)
Product Color	Red and Grey
Product Net Weight	1.8 kg
Product Size (W×H×D)	268mm×168mm×60mm
Standard Accessories	Probe×2(1×, 10× Switchable), (Current-to-Voltage Converter)×2, Power Cord, DC Adaptor, Test Lead, PC Software CD
Standard Individual Packing	Gift Box, Carrying Bag, English Manual
Standard Quantity Per Carton	4 PCs
Standard Carton Measurement (L×W×H)	500mm×400mm×320mm
Standard Carton Gross Weight	10.8 kg



EN61326-1
EN61010-1



SPECIFICATIONS

Specifications	UTD1102C	UTD1202C
Channels	2	2
Bandwidth	100MHz	200MHz
Sample Rate	500MS/s	1GS/s
Rise Time	≤3.5ns	≤1.8ns
Memory Depth	7.5kpts	7.5kpts
Vertical Sensitivity	5mV-50V/div	5mV-50V/div
Time-Based Range	5ns-50s/div	2ns-50s/div
Storage	Setup, Waveform, Bitmap	Setup, Waveform, Bitmap
Trigger Modes	Edge, Pulse, Video and Alternative	Edge, Pulse, Video and Alternative
Interfaces	USB HOST	USB HOST / USB OTG (Optional)
Multimeter Specifications	Range	Best Accuracy
DC Voltage(V)	600mV/6V/60V/600V/1000V	±(1%+5)
AC Voltage(V) (45Hz~400Hz)	600mV/6V/60V/600V/700V	±(1.2%+5), Frequency: < 200Hz ±(1.5%+5), Frequency: ≥ 200Hz
DC Current(A) (External Convertor)	6mA/60mA/600mA 6A	±(1.2%+5) ±(1.5%+5)
AC Current(V) (45Hz~400Hz) (External Convertor)	6mA/60mA/600mA 6A	±(2%+5) ±(2.5%+5)
Resistance(Ω)	6kΩ/60kΩ/600kΩ 600Ω/6MΩ/60MΩ	±(1.2%+5) ±(1.5%+5)
Capacitance(F)	6nF/6mF 60nF/600nF/6μF/60μF/600μF	±(5%+10) ±(4%+5)
Display Count	6000	
Auto Range	√	

GENERAL CHARACTERISTICS

Power	Lithium Battery 7.4V 4400mAh DC Adaptor: 100~240V 50/60Hz input, 9V/4A Output
Display	5.7 Inches TFT LCD, QVGA (320×240)
Product Color	Red and Grey
Product Net Weight	1.8 kg
Product Size (W×H×D)	268mm × 168mm × 60mm
Standard Accessories	Probe × 2(1 × , 10 × Switchabel), Current Voltage Converter × 2, Power Cord, DC Adaptor, Test Lead, PC Software CD
Standard Individual Packing	Gift Box, Carrying Bag, English Manual
Standard Quantity Per Carton	4 PCs
Standard Carton Measurement (L×W×H)	500mm × 400mm × 320mm
Standard Carton Gross Weight	10.8 kg
Optional Accessories	UTD1202C Optional: USB OTG



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■ UTi100



■ UTi160A

SPECIFICATIONS

Specifications		
Model	UTi100	UTi160A
Sensor Type	Uncooled Focal Plane Arrays	Uncooled Focal Plane Arrays
Resolution	100 × 80 pixels	160 × 120 pixels
Field of View / Minimum Focus Distance	12°×9.4°/0.1m	20°×15°/0.1m
Spatial Resolution (IFOV)	2.2mrad	2.2mrad
Image Mode	Infrared	Infrared
Focus	Manual	Manual
Infrared Spectral Bandwidth	8~14um	8~14um
NETD	≤0.08°C@30°C	≤0.08°C@30°C
Temperature Range	-20°C~300°C	-20°C~300°C
Accuracy	±2°C or ±2% (whichever is greater)	±2°C or ±2% (whichever is greater)
Features		
Display Type	2.8" TFT LCD; Rotatable	
Palettes	Iron, Iron-Invert, Rainbow, Feather, Grey, Grey Inverted	
Image Adjustment	Auto/Manual	
Image Format	*UIR	
Video Output	Support: PAL(50Hz) or NTSC (60Hz) (With Optional Base)	
Measurement Mode	Movable Spot, Area(MAX,MIN)	
Parameters Setting	Emissivity, Distance, Temperature, Relative Humidity	
Self Temperature Calibration	Every 60 Seconds	
High/Low Temperature Alarm	✓	
Laser Pointer	✓	
Image Capture	✓	
Image Storage	2GB SD Card (Support Up to 16GB)	
Temperature Units	°C/°F	
Support Languages	English/Simplified Chinese	
Power Mode	Standard / Power Saving	
Analyzing Software	Standard Version	
Water Proof Rating	IP54	
Impact/Vibration	25G/2G	

GENERAL CHARACTERISTICS

Power	Li-ion 1250mAh
Product Color	Red and Grey
Product Net Weight	500 g
Product Size	170mm × 80mm × 160mm
Standard Accessories	Batteries, Power Charger, SD Card (2G), Card Reader, Camera Cover, Software CD
Standard Individual Packing	Gift box, Toolbox, User Manual
Standard Quantity Per Carton	5 PCs
Standard Carton Measurement	545mm × 380mm × 325mm(0.067 CBM Per Standard Carton)
Standard Carton Gross Weight	11.6 kg
Optional Accessories	Multi-purpose Dock, Power Adapter, Video Cable, 16G SD card, Vehicular Power Cord, Lens Hood, 38° Wide-angle Lens, 12°/6.4°/3.8° Tele Lens, Tailor-made Temperature Range (600°C, 1000°C, 1500°C)



EN61326-1
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■ UTi160B



■ UTi160D

SPECIFICATIONS

Specifications		
Model	UTi160B	UTi160D
Sensor Type	Uncooled Focal Plane Arrays	Uncooled Focal Plane Arrays
Resolution	160 × 120 pixels	160 × 120 pixels
Field of View / Minimum Focus Distance	20°×15°/0.1m	20°×15°/0.1m
Spatial Resolution (IFOV)	2.2mrad	2.2mrad
Visible Light Resolution	No	640×480 Full Color
Image Mode	Infrared	Infrared/Visible Light/Fusion/PIP
Focus	Manual	Manual
Infrared Spectral Bandwidth	8~14um	8~14um
NETD	≤0.08°C@30°C	≤0.08°C@30°C
Temperature Range	-20°C~300°C	-20°C~400°C
Accuracy	±2°C or ±2% (whichever is greater)	±2°C or ±2% (whichever is greater)
Features		
Display Type	3.5" TFT LCD; Rotatable	
Palettes	Iron, Iron-Invert, Rainbow, Feather, Grey, Grey Inverted	
Image Adjustment	Auto/Manual	
Image Format	*.TIF	*.TIF, *.CCD
Video Output	Support: PAL(50Hz) or NTSC (60Hz) (With Optional Base)	
Measurement Mode	Movable Spot, Area(MAX,MIN)	4Movable Spot, Area(MAX,MIN), isothermality analysis
Parameters Setting	Emissivity, Distance, Temperature, Relative Humidity	
Temperature calculation	√	
High/Low Temperature Alarm	√	
Laser Pointer	√	
Image Capture	√	
Image Storage	2GB SD Card	
Temperature Units	°C/°F	
Flashlight	No	Yes
Support Languages	English/Simplified Chinese	
Power Mode	Standard / Power Saving / Auto Power Off	
Analyzing Software	Professional version. Analysis any temperature point and creates report in WORD format.	
Water Proof Rating	IP54	
Impact/Vibration	25G/2G	

GENERAL CHARACTERISTICS

Power	Li-ion 1250mAh
Product Color	Red and Grey
Product Net Weight	500 g
Product Size	170mm × 80mm × 160mm
Standard Accessories	Batteries, Seat Charger, SD Card (2G), Card Reader, Camera Cover, Software CD
Standard Individual Packing	Gift box, Toolbox, User Manual
Standard Quantity Per Carton	5 PCs
Standard Carton Measurement	545mm × 380mm × 325mm(0.067 CBM Per Standard Carton)
Standard Carton Gross Weight	11.6 kg
Optional Accessories	Power Adapter, 16G SD card, Vehicular Power Cord, UTi160B/D - (3.8°, 6.4°, 12°, 38° Lens), UTi380D - (9°, 12°, 48° lens) Talier-made Temperature Range (600°C, 1000°C, 1500°C Available)



UT07A-AU
UT07B-AU

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■ UT07A-UK



■ UT07A-AU



■ UT07B-AU

SPECIFICATIONS

Specifications	Range	Best Accuracy		
		UT07A-UK	UT07A-AU	UT07B-AU
Model		UT07A-UK	UT07A-AU	UT07B-AU
Operating Voltage	230VAC	✓	✓	✓
Operating Power	0.7W	✓	✓	✓
Working Frequency	50~60Hz	✓	✓	✓
RCD	About 30mA			✓
Indications	Correct	✓	✓	✓
	Open Ground	✓	✓	✓
	Hot/GND Reverse	✓	✓	✓
	Hot/NEU Reverse	✓	✓	✓
	Open Neutral	✓	✓	✓
Features				
LED Indications		✓	✓	✓
RCD Test				✓

GENERAL CHARACTERISTICS

Power	230VAC
Product Color	Red and Grey
Product Net Weight	UT07A-UK- 64g, UT07A-AU, UT07B-AU- 58g
Product Size	65mm × 65mm × 40mm
Standard Accessories	NO
Standard Individual Packing	Blister, English Manual
Standard Quantity Per Carton	96 PCs
Standard Carton Measurement	525mm x 285mm x 350mm(0.052CBM Per Standard Carton)
Standard Carton Gross Weight	UT07A-UK-10.3 kg, UT07A-AU, UT07B-AU- 9.7 kg

NEW



EN 61010-1
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■ UT07A-EU



■ UT07B-EU

SPECIFICATIONS

Specifications	Best Accuracy	
Model	UT07A-EU	UT07B-EU
Rated Current	10A	10A
Rated Voltage	230V AC	230V AC
Operating Current	<18mA	<18mA
RCD		300mA
Description		
OK, leakage test passed	✓	✓
OK	✓	✓
Ground missing	✓	✓
Live missing	✓	✓
Neutral missing	✓	✓
Live/Ground inverted	✓	✓
Live/Ground inverted and Ground missing	✓	✓

GENERAL CHARACTERISTICS

Power	230VAC
Product Color	Red and Grey
Product Net Weight	UT07A-EU- 79g, UT07B-EU- 80.5g
Product Size (LxWxH)	65mm×65mm×61mm
Standard Accessories	NO
Standard Individual Packing	Blister, English Manual
Standard Quantity Per Carton	96 PCs
Standard Carton Measurement	525mm x 285mm x 350mm(0.052CBM Per Standard Carton)
Standard Carton Gross Weight	UT07A-EU- 11.6 kg, UT07B-EU- 11.8 kg

NEW



■ UT07A-IND



■ UT07B-IND



■ UT07D-IND

SPECIFICATIONS

Specifications	Best Accuracy		
	UT07A-IND	UT07B-IND	UT07D-IND
Model	UT07A-IND	UT07B-IND	UT07D-IND
Socket Current	6A	6A	16A
Socket Voltage	250V AC	250V AC	250V AC
Operating Voltage	220V/50Hz	220V/50Hz	220V/50Hz
Operating Current	<18mA	<18mA	<18mA
RCD		30mA	
Description			
Correct	✓	✓	✓
Ground missing	✓	✓	✓
Live/Ground inverted	✓	✓	✓
Live/Neutral inverted	✓	✓	✓
Neutral missing	✓	✓	✓

GENERAL CHARACTERISTICS

Power	230VAC
Product Color	Red and Grey
Product Net Weight	UT07A-IND- 64g, UT07B-IND- 65.5g, UT07D-IND- 72g
Product Size (LxWxH)	65mm×65mm×61mm
Standard Accessories	NO
Standard Individual Packing	Blister, English Manual
Standard Quantity Per Carton	96 PCs
Standard Carton Measurement	525mm x 285mm x 350mm(0.052CBM Per Standard Carton)
Standard Carton Gross Weight	UT07A-IND-10.2 kg, UT07B-IND- 10.4 kg, UT07D-IND- 11 kg



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■ UT08A

SPECIFICATIONS

Specifications	Range	UT08A	UT08B
Model		UT08A	UT08B
Operating Voltage	110~125VAC	✓	✓
Operating Power	0.3W	✓	✓
Working Frequency	50~60Hz	✓	✓
GFCI	6~9mA		✓
Indications	Open Ground	✓	✓
	Open Neutral	✓	✓
	Open Hot	✓	✓
	Hot/GND Reverse	✓	✓
	Hot/NEU Reverse	✓	✓
	Correct	✓	✓
Features			
LED Indications		✓	✓
GFCI			✓



■ UT08B

GENERAL CHARACTERISTICS

Power	110~125VAC
Product Color	Red and Grey
Product Net Weight	About 36g
Product Size	55mm × 44mm × 27mm
Standard Accessories	NO
Standard Individual Packing	Blister, English Manual
Standard Quantity Per Carton	80 PCs
Standard Carton Measurement	480mm × 385mm × 240mm (0.048 CBM Per Standard Carton)
Standard Carton Gross Weight	5 kg



■ UT11A



■ UT11B

SPECIFICATIONS



Specifications	Range	
Model	UT11A	UT11B
AC Voltage(V)	50V~600V	50V~600V
Frequency(Hz)	50/60Hz	50/60Hz
Features		
Beeper Indication	✓	Cancelable
Flashing LED Light Indication	✓	✓
Auto Power Off		Around 3 Minutes
Low Battery Indication	≤2.0V	≤2.0V
NCV Detection By	Auto Sense	Auto Sense

GENERAL CHARACTERISTICS

Power	1.5V Batteries(R03) × 2
Product Color	Red and Grey
Product Net Weight	49 g
Product Size	150mm × 20mm
Standard Accessories	Batteries
Standard Individual Packing	Blister, English Manual
Standard Quantity Per Carton	100 PCs
Standard Carton Measurement	410mm × 250mm × 465mm(0.048 CBM Per Standard Carton)
Standard Carton Gross Weight	9.5 kg



■ UT12A



■ UT12B



■ UT12C

SPECIFICATIONS

Specifications	Range		
	UT12A	UT12B	UT12C
Model	UT12A	UT12B	UT12C
AC Voltage(V)	90V~1000V	90V~1000V	90V~1000V
Frequency(Hz)	50/60Hz	50/60Hz	50/60Hz
Features			
Vibration Indication			√ (Cancelable)
Beeper Indication	√	Cancelable	√
Flashing LED Light Indication	√	√	√
Auto Power Off		Around 3 Minutes	Around 3 Minutes
Low Battery Indication	≤2.0V	≤2.0V	≤1.8V
NCV Detection By	Hold-on to On/Off Button	Auto Sense	Auto Sense

GENERAL CHARACTERISTICS

Power	1.5V Batteries(R03)×2
Product Color	Red and Grey
Product Net Weight	50 g
Product Size	150mm×20mm
Standard Accessories	Batteries
Standard Individual Packing	Blister, English Manual
Standard Quantity Per Carton	100 PCs
Standard Carton Measurement	480mm×250mm×465mm(0.056 CBM Per Standard Carton)
Standard Carton Gross Weight	10.4 kg



(UT13A)

(UT13B)



■ UT13A



■ UT13B

SPECIFICATIONS

Specifications	Range	
Model	UT13A	UT13B
AC Voltage(V)	24V~600V	50V~1000V
Frequency(Hz)	50/60Hz	50/60Hz
Features		
Adjustable Sensitivity	✓	✓
Beeper Indication	✓	✓
Flashing LED Light Indication	✓	✓
Vibration Indication		✓
Low Battery Indication	≤ 1.0V	≤ 1.0V
NCV Detection By	Auto Sense	Auto Sense

GENERAL CHARACTERISTICS

Power	1.5V Batteries(R03) × 1
Product Color	Red and Grey
Product Net Weight	49 g
Product Size	150mm × 20mm
Standard Accessories	Batteries
Standard Individual Packing	Blister, English Manual
Standard Quantity Per Carton	100 PCs
Standard Carton Measurement	410mm × 250mm × 465mm(0.048 CBM Per Standard Carton)
Standard Carton Gross Weight	8.3 kg



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■ UT18A



■ UT18B

SPECIFICATIONS

AUTO RANGE



Specifications	Range	Best Accuracy	
Model		UT18A	UT18B
Voltage (V)	12V	8V±2V	8V±2V
	24V	18V±2V	18V±2V
	50V	38V±4V	38V±4V
	120V	94V±8V	94V±8V
	230V	180V±14V	180V±14V
	400V	325V±15V	325V±15V
	690V	562V±24V	562V±24V
Phase Rotation Test	Operating Voltage: 100V~690V Frequency: 50Hz~60Hz	✓	✓
Single Lead(L2)Voltage Detection	Operating Voltage: 100V~690V Frequency: 50Hz~400Hz	✓	✓
Continuity Test	Resistance: 0~100kΩ	✓	✓
	Beeper and LED light Indication		
RCD Test	Operating Voltage: 230V(50Hz~400Hz)		✓
Polarity Detection	Positive & Negative	✓	✓
Self-Inspection	All LED or LCD	✓	✓
No Power Test	Operating Voltage: 100~690V	✓	✓
Features			
Voltage Indication		LED	LED
Ip65		✓	✓
Auto Range		✓	✓
Work Light		✓	✓
Low Battery Indication	Around 2.5V	✓	✓
Exceed Voltage	Voltage Range: 713V~788V	✓	✓
Silent Mode	All Range	✓	✓

GENERAL CHARACTERISTICS

Power	1.5V Batteries (R03) ×2
Product Color	Red and Grey
Product Net Weight	260g
Product Size	272mm×85mm×31mm
Standard Accessories	Batteries
Standard Individual Packing	Blister, English Manual
Standard Quantity Per Carton	30PCs
Standard Carton Measurement	440mm×295mm×455mm (0.079 CBM Per Standard Carton)
Standard Carton Gross Weight	17 kg



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■ UT18C



■ UT18D

SPECIFICATIONS



Specifications	Range	Best Accuracy	
Model		UT18C	UT18D
Voltage (V)	6V		5V±1V
	12V	8V±1V	8V±1V
	24V	18V±2V	18V±2V
	50V	38V±4V	38V±4V
	120V	94V±8V	94V±8V
	230V	180V±14V	180V±14V
	400V	325V±15V	325V±15V
	690V	562V±24V	562V±24V
Phase Rotation Test	Operating Voltage: 100V~690V		
	Frequency: 50Hz~ 60Hz	✓	✓
Single Lead(L2)Voltage Detection	Operating Voltage: 100V~690V		
	Frequency: 50Hz~ 400Hz	✓	✓
Continuity Test	Resistance: 0~100kΩ		
	Beeper and LED light Indication	✓	✓
RCD Test	Operating Voltage: 230V(50Hz~400Hz)	✓	✓
Polarity Detection	Positive & Negative	✓	✓
Self-Inspection	All LED or LCD	✓	✓
No Power Test	Operating Voltage: 100~690V	✓	
Features			
Voltage Indication		LED	LCD
Ip65		✓	✓
Auto Range		✓	✓
Exceed Voltage	Voltage Range: 713V~788V	✓	✓
Auto Standby	standby current <10uA	✓	✓
Silent Mode	All Range	✓	✓
Work Light		✓	✓
Low Battery Indication	Around 2.5V	✓	✓
LCD Backlight			✓
LCD Display (Voltage)	6V~ 690V	±(1.5%+5)	±(1.5%+5)
LCD Display (Frequency)	40Hz~400Hz	±(3%+5)	±(3%+5)

GENERAL CHARACTERISTICS

Power	1.5V Batteries(R03)× 2
LCD Size	UT18C-31×20mm UT18D-73.5×35.5mm
Product Color	Red and Grey
Product Net Weight	280g
Product Size	272mm×85mm×31 mm
Standard Accessories	Batteries
Standard Individual Packing	Blister, English Manual
Standard Quantity Per Carton	30PCs
Standard Carton Measurement	440mm × 295mm × 455mm (0.079 CBM Per Standard Carton)
Standard Carton Gross Weight	17.5 kg



■ UT25A



■ UT25B

SPECIFICATIONS

Specifications	Range	Best Accuracy	
		UT25A	UT25B
Model		UT25A	UT25B
Operating Voltage	90~120VAC	✓	✓
Working Frequency	47~63Hz	✓	✓
GFCI Test	About 6mA	✓	✓
Indications	Open Ground	✓	✓
	Open Neutral	✓	✓
	Open Hot	✓	✓
	Hot/NEU Reverse	✓	✓
	Hot/GND Reverse	✓	✓
	GFCI Testing In Progrss	✓	✓
	Hot On NEU With Hot Open	✓	✓
	Correct	✓	✓
Features			
Adjustable Sensitivity		✓	✓
Beeper Indication		✓	✓
Flashing LED light Indication		✓	✓
NCV Test			✓
Low Battery Indication		✓	✓

GENERAL CHARACTERISTICS

Power	9V Battery(6F22)
Product Color	Red and Grey
Product Net Weight	Transmitter-110g
	Receiver-110g
Product Size	Transmitter-103mm×56mm×30mm
	Receiver-192mm×54mm×28mm
Standard Accessories	Batteries
Standard Individual Packing	Blister, English Manual
Standard Quantity Per Carton	40PCS
Standard Carton Measurement	575mm×405mm×380mm(0.088CBM Per Standard Carton)
Standard Carton Gross Weight	15.8 kg

UNI-T®

UT181 SERIES True RMS Datalogging Multimeters

UT181A



-Smart Phone Application: iDMM
-Work with UT-D07A Smart Bluetooth Adaptor
-Download at both Apple and Android Stores

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■ UT181A

SPECIFICATIONS



Specifications	Range	Best Accuracy
Model		UT181A
DC Voltage (V)	60mV/600mV/6V/60V/600V/1000V	±(0.025%+5)
AC Voltage (V)	60mV/600mV/6V/60V/600V/1000V	±(0.3%+30)
DC Current (A)	600µA/6000µA/60mA/600mA/10A	±(0.08%+10)
AC Current (A)	600µA/6000µA/60mA/600mA/10A	±(0.6%+20)
Resistance (Ω)	600Ω/6kΩ/60kΩ/600kΩ/6MΩ/60MΩ	±(0.05%+2)
Admittance(S)	60nS	±(2%+10)
Capacitance (F)	6nF/60nF/600nF/6µF/60µF/600µF/6mF/60mF	±(2%+5)
Frequency (Hz)	10Hz-60MHz	±(0.01%+5)
Temperature (°C)	-40 °C~1000°C	±(1%+30)
Temperature (°F)	-40°F~1832°F	±(1.5%+50)
Features		
Display Count		60000
Auto Range		✓
Manual Range		✓
True RMS		✓
Bandwidth (Hz)	100kHz	✓
AC + DC		✓
Low Pass Filter	1 kHz(-3db)	✓
dBV/dBm		✓
Continuity Buzzer		✓
Diode	Around 3V	✓
Duty Cycle	10% ~ 90%	✓
Dual Temperature Measurement	T1,T2, T1-T2, T2-T1	✓
Data Hold		✓
Peak Hold		✓
Relative Mode		✓
Data Logging	20000	✓
Trend Capture		✓
MAX/MIN/AVG		✓
Date Time Display		✓
Data Comparison		✓
Display Type	3.5 Inches 64k Color TFT LCD (320 × 240)	✓
Backlight Adjustment		✓
Analogue Bar Graph		✓
USB Interface		✓
Mis-Plug Alarm		✓
Battery Indication		✓
Auto Power Off		✓
Re-Chargeable Battery		✓
Input Protection		✓
Input Impedance for DCV	Around 10MΩ	✓

GENERAL CHARACTERISTICS

Power	7.4V 2200mAh Li-ion Battery
LCD Size	70mm × 52mm
Product Color	Red and Grey
Product Net Weight	638.6 g
Product Size	103mm × 225mm × 59mm
Standard Accessories	Batteries, Test Lead, Temperature Adaptor, Point Contact Temperature Probe x 2, Power Adaptor, PC Software CD, USB Interface Cable
Standard Individual Packing	Gift Box, Carrying Bag, English Manual
Standard Quantity Per Carton	20 PCs
Standard Carton Measurement	480mm × 385mm × 505mm (0.085 CBM Per Standard Carton)
Standard Carton Gross Weight	26.5 kg
Optional Accessories	Bluetooth Adaptor (UT-D07)



Intertek



-Smart Phone Application: iDMM
-Work with UT-D07A Smart Bluetooth Adaptor
-Download at both Apple and Android Stores

UL61010-1
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■ UT171A



■ UT171B



■ UT171C

SPECIFICATIONS

V.F.C.	NCV	LoZ	USB	→
AUTO RANGE	TRUE RMS	DC+	□	+

Specifications	Range	Best Accuracy		
Model		UT171A	UT171B	UT171C
DC Voltage (V)	400mV/4V/40V/400V/1000V 600mV/6V/60V/600V/1000V	±(0.025%+5)	±(0.025%+5)	±(0.025%+5)
AC Voltage (V)	400mV/4V/40V/400V/1000V 600mV/6V/60V/600V/1000V	±(0.4%+40)	±(0.4%+40)	±(0.4%+40)
DC Current (A)	400uA/4000uA/40mA/400mA/4A/10A 600uA/6000uA/60mA/600mA/6A/10A	±(0.15%+2)	±(0.15%+2)	±(0.15%+2)
AC Current (A)	400uA/4000uA/40mA/400mA/4A/10A 600uA/6000uA/60mA/600mA/6A/10A	±(0.75%+5)	±(0.75%+5)	±(0.75%+5)
Resistance (Ω)	400Ω/4kΩ/40kΩ/400kΩ/4MΩ/40MΩ 600Ω/6kΩ/60kΩ/600kΩ/6MΩ/60MΩ	±(0.05%+2)	±(0.05%+2)	±(0.05%+2)
Admittance(nS)	60nS	±(1.0%+10)	±(1.0%+10)	±(1.0%+10)
Capacitance (F)	4nF/40nF/400nF/4μF/40μF/400μF/4mF/40mF 6nF/60nF/600nF/6μF/60μF/600μF/6mF/60mF	±(2.5%+40)	±(2.5%+40)	±(2.5%+40)
Frequency (Hz)	10Hz~10MHz	±(0.01%+5)	±(0.01%+5)	±(0.01%+5)
Temperature (°C)	-40 °C~1000°C	±(1.0%+30)	±(1.0%+30)	±(1.0%+30)
Temperature (°F)	-40°F~1832°F	±(1.5%+50)	±(1.5%+50)	±(1.5%+50)

Features	UT171A	UT171B	UT171C
Display Count	40000	60000	60000
Auto/Manual Range	✓	✓	✓
True RMS	✓	✓	✓
Bandwidth (Hz)	100kHz	✓	✓
AC + DC	✓	✓	✓
V.F.C	✓	✓	✓
4~20mA Loop	0~100%	✓	✓
LoZ (ACV)	Around 3KΩ	✓	✓
Diode	Around 3V	✓	✓
Continuity Buzzer	✓	✓	✓
Duty Cycle	0.1% ~ 99.9%	✓	✓
NCV	✓	✓	✓
Data Hold/MAX/MIN	✓	✓	✓
Relative Mode	✓	✓	✓
Peak Hold	✓	✓	✓
Data Storage	1000	9999	9999
USB Interface	✓	✓	✓
Display Type	LCD	EBTN	OLED
LCD Backlight	✓	✓	✓
Analogue Bar Graph	31	31	31
Mis-plug Alarm	✓	✓	✓
Low Battery Indication	✓	✓	✓
Rechargeable Battery	✓	✓	✓
Auto Power Off	Around 15 Minutes	✓	✓
Input Protection	✓	✓	✓
Input Impedance for DCV	Around 1GΩ	✓	✓

GENERAL CHARACTERISTICS

Power	UT171A-AAA 1.5V × 6 UT171B/C-7.4V 2000mAh Li-ion Battery
LCD Size	UT171A-70.6mm × 49.5 mm UT171B/C-70.6mm × 35.3 mm
Product Color	Red and Grey
Product Net Weight	384 g
Product Size	206mm × 95mm × 55mm
Standard Accessories	Batteries, Test lead, Point Contact Temperature Probe, USB Interface Cable, Power Adaptor(For UT171B/C),PC Software CD
Standard Individual Packing	Gift Box, Carrying Bag, English Manual
Standard Quantity Per Carton	20 PCs
Standard Carton Measurement	530mm × 360mm × 285mm (0.055 CBM Per Standard Carton)
Standard Carton Gross Weight	22 kg
Optional Accessories	Bluetooth Adaptor (UT-D07)



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

Intertek



■ UT151A



■ UT151C



■ UT151F

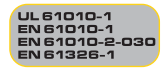
SPECIFICATIONS



Specifications	Range	Best Accuracy		
		UT151A	UT151C	UT151F
Model		UT151A	UT151C	UT151F
DC Voltage(V)	200mV/2V/20V/200V/600V	±(0.5%+1)	±(0.5%+1)	±(0.05%+3)
AC Voltage(V)	2V/20V/200V/600V	±(0.8%+3)	±(0.8%+3)	
	200mV/2V/ 20V/ 200V/600V			±(0.5%+10)
DC Current(A)	200µA/2mA/200mA/10A	±(0.8%+1)		
	2mA/ 20mA/ 200mA/ 10A		±(0.8%+1)	±(0.5%+5)
AC Current(A)	200µA/2mA/200mA/10A	±(1%+3)		
	20mA/ 200mA/ 10A		±(1%+3)	
Resistance(Ω)	200Ω/2kΩ/20kΩ/200kΩ/2MΩ/20MΩ/200MΩ	±(1%+2)		
	200Ω/ 2kΩ/ 20kΩ/ 200kΩ/ 2MΩ/ 20MΩ		±(1%+2)	±(0.3%+1)
Capacitance(F)	2nF/20nF/200nF/2µF/100µF		±(4%+3)	
	2µF/200µF	±(4%+3) > 50µF Reference Only		
Frequency (Hz)	20KHz			±(4%+20)
Temperature (°C)	-40 °C ~ 1000°C		±(1%+5)	
Temperature (°F)	-40°F ~ 1832°F		±(1%+8)	
Features				
Display Count		2000	2000	20000
Manual Range		√	√	√
Battery Test	12V/9V/1.5V	±(2.5%+2)		
Diode		√	√	√
Auto Power Off		√	√	√
Continuity Buzzer		√	√	√
Low Battery Indication		√	√	√
Data Hold		√	√	√
Input Impedance for DCV	≥10MΩ	√	√	√

GENERAL CHARACTERISTICS

Power	9V Battery(6F22)
LCD Size	63mm×29mm
Product Color	Red and Grey
Product Net Weight	300 g
Product Size	186mm×91mm×39mm
Standard Accessories	Battery, Test Lead
Standard Individual Packing	Gift Box, English Manual
Standard Quantity Per Carton	40 PCs
Standard Carton Measurement	645mm×450mm×340mm(0.099 CBM Per Standard Carton)
Standard Carton Gross Weight	22.8 kg



Intertek

REL

DATA HOLD

+

AUTO RANGE

M RANGE

TRUE RMS

DUTY CYCLE

→

BATT CHECK

⋯)

MAX MIN



■ UT139A



■ UT139B



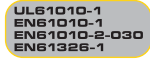
■ UT139C

SPECIFICATIONS

Specifications	Range	Best Accuracy		
Model		UT139A	UT139B	UT139C
DC Voltage(V)	20mV/200mV/2V/20V/200V/600V	±(0.5%+2)		
	40mV/400mV/4V/40V/400V/600V		±(0.5%+2)	
	60mV/600mV/6V/60V/600V			±(0.5%+2)
AC Voltage(V)	20mV/200mV/2V/20V/200V/600V	±(1%+3)		
	40mV/400mV/4V/40V/400V/600V		±(0.8%+3)	
	60mV/600mV/6V/60V/600V			±(0.8%+3)
DC Current(A)	200μA/2000μA/20mA/200mA/2A/10A	±(0.7%+2)		
	400μA/4000μA/40mA/400mA/4A/10A		±(0.7%+2)	
	600μA/6000μA/60mA/600mA/6A/10A			±(0.7%+2)
AC Current(A)	200μA/2000μA/20mA/200mA/2A/10A	±(1%+3)		
	400μA/4000μA/40mA/400mA/4A/10A		±(1%+3)	
	600μA/6000μA/60mA/600mA/6A/10A			±(1%+3)
Resistance(Ω)	200Ω/2kΩ/20kΩ/200kΩ/2MΩ/20MΩ	±(1%+2)		
	400Ω/4kΩ/40kΩ/400kΩ/4MΩ/40MΩ		±(0.8%+2)	
	600Ω/6kΩ/60kΩ/600kΩ/6MΩ/60MΩ			±(0.8%+2)
Capacitance (F)	9.999nF/99.99nF/999.9nF/9.999μF/99.99μF/999.9μF/9.999mF/99.99mF		±(4%+5)	±(4%+5)
Frequency (Hz)	10Hz-10MHz		±(0.1%+4)	±(0.1%+4)
Temperature (°C)	-40 °C~1000°C			±(1%+3)
Temperature (°F)	-40°F~1832°F			±(1.5%+5)
Features				
Display Count		2000	4000	6000
Auto Range		✓	✓	✓
Manual Range		✓	✓	✓
True RMS		✓	✓	✓
Bandwidth (Hz)		45Hz~400kHz	45Hz~1kHz	45Hz~1kHz
V.F.C		✓	✓	✓
Duty Cycle	0.1%~99.9%		✓	✓
Diode		Around 2V	Around 3V	Around 3V
NCV		✓	✓	✓
Battery Test	1.5V / 9V	✓		
Auto Power Off	Around 15 Minutes	✓	✓	✓
Continuity Buzzer		✓	✓	✓
Low Battery Indication	≤2.5V	✓	✓	✓
Data Hold		✓	✓	✓
Relative Mode		✓	✓	✓
MAX/MIN		✓	✓	✓
LCD Backlight		✓	✓	✓
Input Protection	600Vrms	✓	✓	✓
Input Impedance for DCV	1GΩ Max	✓	✓	✓

GENERAL CHARACTERISTICS

Power	AA1.5 × 2
LCD Size	58mm × 36 mm
Product Color	Red and Grey
Product Net Weight	370 g
Product Size	175mm × 81mm × 48.5 mm
Standard Accessories	UT139A/B-Battery, Test Leads
	UT139C-Battery, Test Leads, Temperature Probe
Standard Individual Packing	Gift Box, English Manual
Standard Quantity Per Carton	40 PCs
Standard Carton Measurement	645mm × 450mm × 340mm(0.098 CBM Per Standard Carton)
Standard Carton Gross Weight	25.5 kg
Optional Accessories	UT139C-Current Sensor AC/DC 40A



■ UT132A



■ UT132B

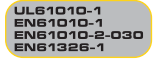
SPECIFICATIONS



Specifications	Range	Best Accuracy	
		UT132A	UT132B
Model			
DC Voltage(V)	200mV/ 2000mV/ 20V/ 200V/ 600V	±(0.5%+2)	±(0.5%+2)
AC Voltage(V)	200V/ 600V	±(1.2%+3)	±(1.2%+3)
DC Current(A)	2000µA/ 20mA/ 200mA/ 10A	±(1%+2)	
	2000µA/ 200mA/ 10A		±(1%+2)
Resistance(Ω)	200Ω/2000Ω/20kΩ/200kΩ/ 2000kΩ/20MΩ	±(0.8%+5)	±(0.8%+5)
Features			
Display Count		2000	2000
Manual Range		✓	✓
Battery Test	1.5V/ 9V		±(1%+2)
Square Wave Output		✓	
Diode		✓	✓
Continuity Buzzer			✓
Low Battery Indication		✓	✓
Data Hold		✓	✓
Input Impedance for DCV	Around 10MΩ	✓	✓

GENERAL CHARACTERISTICS

Power	9V Battery(6F22)
LCD Size	49mm × 18mm
Product Color	Red and Grey
Product Net Weight	200 g
Product Size	72mm × 137mm × 35mm
Standard Accessories	Battery, Test Lead
Standard Individual Packing	Gift Box, English Manual
Standard Quantity Per Carton	66 PCs
Standard Carton Measurement	595mm × 360mm × 420mm (0.09CBM Per Standard Carton)
Standard Carton Gross Weight	23 kg



■ UT132C



■ UT132D

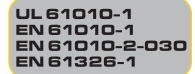
SPECIFICATIONS



Specifications	Range	Best Accuracy	
		UT132C	UT132D
Model		UT132C	UT132D
DC Voltage(V)	200mV/ 2000mV/ 20V/ 200V/ 600V	±(0.5%+2)	±(0.5%+2)
AC Voltage(V)	200V/ 600V	±(1.2%+3)	±(1.2%+3)
DC Current(A)	2000µA/ 20mA/ 200mA/ 10A	±(1%+2)	
	2000µA/ 200mA/ 10A		±(1%+2)
Resistance(Ω)	200Ω/2000Ω/20kΩ/200kΩ/ 2000kΩ/20MΩ	±(0.8%+5)	
	200Ω/ 2000Ω/ 20kΩ/ 200kΩ/ 20MΩ		±(0.8%+5)
Capacitance (F)	20nF/ 2000nF/ 200µF		±(4%+3)
Temperature (°C)	-40 °C ~ 1000°C	±(1.0%+3)	
Features			
Display Count		2000	2000
Manual Range		✓	✓
Diode		✓	✓
Continuity Buzzer		✓	✓
Low Battery Indication		✓	✓
Data Hold		✓	✓
Input Impedance for DCV	Around 10MΩ	✓	✓

GENERAL CHARACTERISTICS

Power	9V Battery(6F22)
LCD Size	49mm × 18mm
Product Color	Red and Grey
Product Net Weight	200 g
Product Size	72mm×137mm×35mm
Standard Accessories	UT132C-Battery, Test Lead, Point Contact Temperature Probe UT132D-Battery, Test Lead,
Standard Individual Packing	Gift Box, English Manual
Standard Quantity Per Carton	66 PCs
Standard Carton Measurement	595mm × 360mm × 420mm (0.09CBM Per Standard Carton)
Standard Carton Gross Weight	25.7 kg



Intertek
UT120A
UT120B



■ UT120A



■ UT120B



■ UT120C

SPECIFICATIONS



Specifications	Range	Best Accuracy		
		UT120A	UT120B	UT120C
Model				
DC Voltage (V)	400mV/4V/40V/600V	±(0.8%+1)	±(0.8%+1)	±(0.8%+1)
AC Voltage (V)	4V/40V/400V/600V	±(1.2%+3)	±(1.2%+3)	±(1.2%+3)
DC Current (A)	400µA/4mA/40mA/400mA			±(1.0%+3)
AC Current (A)	400µA/4mA/40mA/400mA			±(1.5%+5)
Resistance (Ω)	400Ω/4KΩ/40KΩ/400KΩ/4MΩ/40MΩ	±(1%+2)	±(1%+2)	±(1%+2)
Capacitance (F)	4nF/40nF/400nF/4µF/40µF/100µF		±(4%+3)	±(4%+3)
Frequency (Hz)	10Hz~10MHz	±(0.5%+3)	±(0.5%+3)	±(0.5%+3)
Features				
Display Count		4000	4000	4000
Auto Range		✓	✓	✓
Duty Cycle	0.1%~99.9%	✓	✓	✓
Diode		✓	✓	✓
Auto Power Off	Around 30 Minutes	✓	✓	✓
Continuity Buzzer		✓	✓	✓
Low Battery Indication	≤2.4V	✓	✓	✓
Data Hold		✓	✓	✓
Relative Mode		✓	✓	✓
Input Impedance for DCV	Around 10MΩ	✓	✓	✓

GENERAL CHARACTERISTICS

Power	3V Battery(CR2032)
LCD Size	43mm×22mm
Product Color	Red and Grey
Product Net Weight	76g
Product Size	110mm×58.2mm×10.8mm
Standard Accessories	Battery, Carrying Case
Standard Individual Packing	B blister, English Manual
Standard Quantity Per Carton	100 PCs
Standard Carton Measurement	750×275×490mm (0.1CBM Per Export Carton)
Standard Carton Gross Weight	21.9 kg



■ UT118A



■ UT118B



SPECIFICATIONS

Specifications	Range	Best Accuracy		
Model	SCAN Mode	AUTO Mode	UT118A	UT118B
DC Voltage(V)	3V/30V/300V	3V/30V/300V	±(1%+3)	±(1%+3)
AC Voltage(V)	3V/30V/300V	3V/30V/300V	±(1%+4)	±(1%+4)
Resistance(Ω)	300Ω/3kΩ/30kΩ/300kΩ/3MΩ	300Ω/3kΩ/30kΩ/300kΩ/3MΩ/30MΩ	±(1%+3)	±(1%+3)
Capacitance (F)	3nF/30nF/300nF/3μF/30μF/300μF	3nF/30nF/300nF/3μF/30μF/300μF/3mF	±(3%+5)	±(3%+5)
Features				
Display Count			3000	3000
Auto Range			√	√
EF Function			√	√
Diode			√	√
Auto Power Off	Around 10 Minutes		√	√
Continuity Buzzer			√	√
Low Battery Indication			√	√
Data Hold			√	√
MAX Mode			√	√
MIN Mode			√	√
LCD Backlight			√	√
Penlight			√	√
Input Impedance for DCV	≥10MΩ		√	√

GENERAL CHARACTERISTICS

Power	3V Li-MnO2 Cion Cell Battery
LCD Size	28mm×14mm
Product Color	Red and Grey
Product Net Weight	90 g
Product Size	20mm×27mm×182mm
Standard Accessories	Battery, Test Lead
Standard Individual Packing	B blister, English Manual
Standard Quantity Per Carton	80 PCs
Standard Carton Measurement	570mm×300mm×415mm (0.071 CBM Per Export Carton)
Standard Carton Gross Weight	12.5 kg



■ UT108



■ UT109



SPECIFICATIONS

Specifications	Range	Best Accuracy	
Model		UT108	UT109
DC Voltage(V)	4V/40V/400V/1000V	±(0.5%+3)	±(0.5%+3)
AC Voltage(V)	40mV/400mV/4V/40V/400V/1000V	±(1%+3)	±(1%+3)
DC Current(A)	400µA/4000µA/40mA/400mA/4A/10A	±(1%+2)	±(1%+2)
AC Current(A)	400µA/4000µA/40mA/400mA/4A/10A	±(1.2%+5)	±(1.2%+5)
Resistance(Ω)	400Ω/4kΩ/40kΩ/400kΩ/4MΩ/40MΩ	±(1%+5)	±(1%+5)
Capacitance (F)	10nF/100nF/1000nF/10µF/100µF	±(3%+5)	±(3%+5)
Frequency (Hz)	10Hz~1MHz	±(0.1%+4)	±(0.1%+4)
Temperature (°C)	-40 °C~537°C		±(1%+10)
Temperature (°F)	-40 °F~998°F		±(1%+18)
Features			
Display Count		4000	4000
Auto Range		✓	✓
Diode		✓	✓
Auto Power Off		✓	✓
Continuity Buzzer		✓	✓
Low Battery Indication		✓	✓
Data Hold		✓	✓
MAX/MIN		✓	✓
RS-232		✓	✓
USB Interface		✓	✓
LCD Backlight		✓	✓
Input Protection		✓	✓
Input Impedance for DCV	Around 10MΩ	✓	✓
Dwell	4CYL/6CYL/8CYL	±(3%+5)	±(3%+5)
Tach	4CYL/6CYL/8CYL	±(3%+5)	±(3%+5)

GENERAL CHARACTERISTICS

Power	9V Battery(6F22)
LCD Size	65mm × 43mm
Product Color	Red and Grey
Product Net Weight	370 g
Product Size	180mm × 87mm × 47mm
Standard Accessories	UT108-Battery, Test Lead, Alligator Clip, RS-232 Interface Cable, PC Software CD
	UT109-Battery, Test Lead, Alligator Clip, RS-232 Interface Cable, PC Software CD, Point Contact Temperature Probe, Multi-Purpose Socket
Standard Individual Packing	Gift Box, English Manual
Standard Quantity Per Carton	20 PCs
Standard Carton Measurement	465mm × 335mm × 365mm (0.057 CBM Per Standard Carton)
Standard Carton Gross Weight	15.5 kg
Optional Accessories	USB Interface Cable



■ UT105



■ UT106



■ UT107



SPECIFICATIONS

Specifications	Range	Best Accuracy		
		UT105	UT106	UT107
Model				
DC Voltage(V)	200mV/2V/20V/200V/1000V 200mV/2V/20V/1000V	±(0.5%+5)	±(0.5%+2)	±(0.5%+2)
AC Voltage(V)	2V/20V/200V/750V 200V/750V	±(0.8%+5)	±(0.8%+5)	±(0.8%+5)
DC Current(A)	200mA/10A	±(0.8%+5)	±(0.8%+5)	±(0.8%+5)
Resistance(Ω)	200Ω/2kΩ/20kΩ/200kΩ/2MΩ /20MΩ 200Ω/2kΩ/20kΩ/200kΩ/20MΩ	±(0.8%+5)	±(0.8%+5)	±(0.8%+5)
Frequency (Hz)	2 kHz		±(2%+5)	±(2%+5)
Temperature (°C)	-40°C~1000°C		±(2%+8)	±(2%+8)
Features				
Display Count		2000	2000	2000
Manual Range		√	√	√
Battery Test	12 V			±(3%+5)
Duty Cycle	1%~90%			±(4%+5)
Diode		√	√	√
Continuity Buzzer		√	√	√
Low Battery Indication		√	√	√
Data Hold		√	√	√
Input Protection		√	√	√
Input Impedance for DCV	Around 10MΩ	√	√	√
Dwell	4CYL/6CYL/8CYL	±(3%+5)	±(3%+5)	±(3%+5)
Tach	4CYL/6CYL/8CYL	±(3%+5)	±(3%+5)	±(3%+5)

GENERAL CHARACTERISTICS

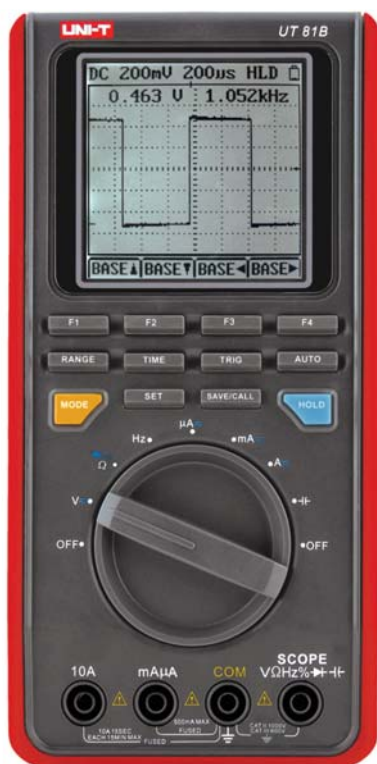
Power	9V Battery(6F22)
LCD Size	60mm × 54 mm
Product Color	Red and Grey
Product Net Weight	351 g(Including Holster)
Product Size	179mm× 88mm×39mm
Standard Accessories	UT105-Battery, Test Lead, Holster UT106/UT107-Battery, Test Lead, Holster, Point Contact Temperature Probe
Standard Individual Packing	Blister, English Manual
Standard Quantity Per Carton	40 PCs
Standard Carton Measurement	645mm × 450mm × 340mm (0.0987 CBM Per Standard Carton)
Standard Carton Gross Weight	24.6 kg



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



SPECIFICATIONS



■ UT81B

Specifications	Range	Best Accuracy
DC Voltage(V)	400mV/4V/40V/400V/1000V	±(0.8%+8)
AC Voltage(V)	4V/40V/400V/750V	±(1%+15)
DC Current(A)	400µA/4000µA/40mA/400mA/4A/10A	±(1%+8)
AC Current(A)	400µA/4000µA/40mA/400mA/4A/10A	±(1.5%+8)
Resistance(Ω)	400Ω/4kΩ/40kΩ/400kΩ/4MΩ/40MΩ	±(1%+5)
Capacitance (F)	40nF/400nF/4µF/40µF/100µF	±(3%+8)
Frequency (Hz)	10Hz~10MHz	±(0.1%+3)
Scope Specification	Range	Best Accuracy
Bandwidth	8 MHz	✓
Real-Time Sample Rate	40 MS/s	✓
Vertical Accuracy		±(5%+1)
Input Sensitivity	20mV/div - 500V/div(1-2-5)	✓
Horizontal Accuracy		±(0.01%+1)
Time-Base Range	100ns/div - 5s/div(1-2-5)	✓
Features		
Display Count		4000
Auto Range		✓
Duty Cycle	0.1~99.9%	✓
Diode		✓
Auto Power Off		✓
Continuity Buzzer		✓
Display	160 x 160 Monochrome	✓
Trigger Types	Free Run/Normal/Single Shot	✓
Memory	10 screens and setups	✓
Contrast and Bright Setup		✓
Low Battery Indication		✓
USB Interface		✓
LCD Backlight		✓
Input Impedance for DCV	Around 10MΩ	✓

GENERAL CHARACTERISTICS

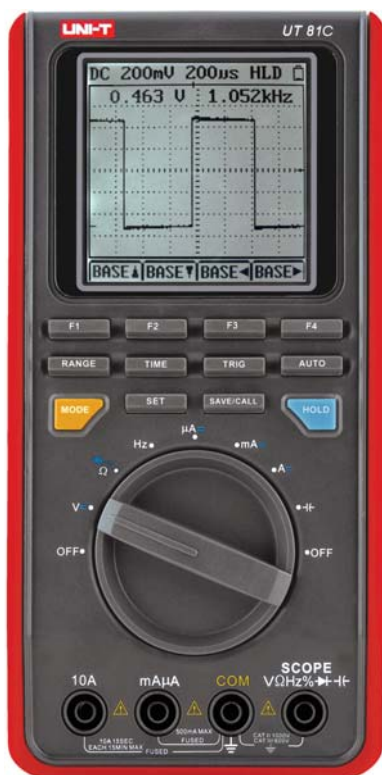
Power	1.5V Batteries(R6)× 4
LCD Size	60mm × 60 mm
Product Color	Red and Grey
Product Net Weight	498 g
Product Size	200mm × 100mm× 48 mm
Standard Accessories	Batteries, Test Lead,Alligator Clip,USB Interface Cable,PC Software CD, BNC Probe
Standard Individual Packing	Gift Box, English Manual
Standard Quantity Per Carton	12 PCs
Standard Carton Measurement	485mm × 450mm ×260mm (0.057 CBM Per Standard Carton)
Standard Carton Gross Weight	16.4 kg
Optional Accessories	Scope Probe,AC Power Adaptor



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



SPECIFICATIONS



■ UT81C

Specifications	Range	Best Accuracy
DC Voltage(V)	400mV/4V/40V/400V/1000V	±(0.8%+8)
AC Voltage(V)	4V/40V/400V/750V	±(1%+15)
DC Current(A)	400µA/4000µA/40mA/400mA/4A/10A	±(1%+8)
AC Current(A)	400µA/4000µA/40mA/400mA/4A/10A	±(1.5%+8)
Resistance(Ω)	400Ω/4kΩ/40kΩ/400kΩ/4MΩ/40MΩ	±(1%+5)
Capacitance (F)	40nF/400nF/4µF/40µF/100µF	±(3%+8)
Frequency (Hz)	10Hz~10MHz	±(0.1%+3)
Scope Specification		
Bandwidth	16 MHz	✓
Real-Time Sample Rate	80 MS/s	✓
Vertical Accuracy		±(5%+1)
Input Sensitivity	20mV/div - 500V/div(1-2-5)	✓
Horizontal Accuracy		±(0.01%+1)
Time-Base Range	50ns/div - 5s/div(1-2-5)	✓
Features		
Display Count		4000
Auto Range		✓
Duty Cycle	0.1~99.9%	✓
Diode		✓
Auto Power Off		✓
Continuity Buzzer		✓
Display	160 × 160 Monochrome	✓
Trigger Types	Free Run/Normal/Single Shot	✓
Memory	10 screens and setups	✓
Contrast and Bright Setup		✓
Low Battery Indication		✓
USB Interface		✓
LCD Backlight		✓
Input Impedance for DCV	Around 10MΩ	✓

GENERAL CHARACTERISTICS

Power	1.5V Batteries(R6) × 4
LCD Size	60mm × 60 mm
Product Color	Red and Grey
Product Net Weight	498 g
Product Size	200mm × 100mm × 48 mm
Standard Accessories	Batteries, Test Lead, Alligator Clip, USB Interface Cable, PC Software CD, BNC Probe
Standard Individual Packing	Gift Box, English Manual
Standard Quantity Per Carton	12 PCs
Standard Carton Measurement	485mm × 450mm × 260mm (0.057 CBM Per Standard Carton)
Standard Carton Gross Weight	17.3 kg
Optional Accessories	Scope Probe, AC Power Adaptor



-Smart Phone Application: iDMM
-Work with UT-D07A Smart Bluetooth Adaptor
-Download at both Apple and Android Stores

EN 61010-1
EN 61010-2-030
EN 61326-1
EN:55022



■ UT71A



■ UT71B

SPECIFICATIONS



Specifications	Range	Best Accuracy	
Model		UT71A	UT71B
DC Voltage(V)	200mV/2V/20V/200V/1000V	±(0.1%+8)	±(0.05%+5)
AC Voltage(V)	2V/20V/200V/1000V	±(0.8%+40)	±(0.6%+40)
DC Current(A)	200µA/2000µA/20mA/200mA/10A	±(0.2%+20)	±(0.15%+20)
AC Current(A)	200µA/2000µA/20mA/200mA/10A	±(1%+15)	±(0.8%+15)
Resistance(Ω)	200Ω/2kΩ/20kΩ/200kΩ/2MΩ/20MΩ	±(0.5%+20)	±(0.4%+20)
Capacitance (F)	20nF/200nF/2µF/20µF/200µF/2mF/20mF	±(1.5%+20)	±(1.2%+20)
Frequency (Hz)	20Hz-200MHz	±(0.1%+15)	±(0.1%+15)
Temperature (°C)	-40 °C ~1000°C		±(1%+30)
Temperature (°F)	-40 °F ~1832°F		±(1.5%+50)
Features			
Display Count		20000	20000
Auto Range		✓	✓
True RMS		✓	✓
Bandwidth (Hz)	100kHz	✓	✓
Duty Cycle	10%~90%	✓	✓
Diode		✓	✓
Auto Power Off		✓	✓
Continuity Buzzer		✓	✓
Low Battery Indication		✓	✓
Data Hold		✓	✓
Relative Mode		✓	✓
MAX/MIN		✓	✓
Data Storage			100
USB Interface		✓	✓
Double Backlight		✓	✓
Analogue Bar Graph		✓	✓
Full Icon Display		✓	✓
Setup		✓	✓
Input Impedance for DCV	DC 200mV: Around 2.5GΩ, All Other Range:10MΩ	✓	✓
4 - 20mA Loop	0~100%		±(1%+50)
Fused 10 A		✓	✓
Current Measurement Alarm		✓	✓
Voltage & Current AC+DC Measurement		✓	✓

GENERAL CHARACTERISTICS

Power	9V Battery(6F22)
LCD Size	73mm × 50 mm
Product Color	Red and Grey
Product Net Weight	384 g
Product Size	200mm × 93mm × 40 mm
Standard Accessories	UT71A -Battery, Test Lead, Alligator Clip, Test Clip, USB Interface Cable, PC Software CD, Carrying Bag UT71B -Battery, Test Lead, Alligator Clip, Test Clip, USB Interface Cable, PC Software CD, Carrying Bag, Point Contact Temperature Probe
Standard Individual Packing	Gift Box, English Manual
Standard Quantity Per Carton	22 PCs
Standard Carton Measurement	535mm × 370mm × 425mm (0.084 CBM Per Standard Carton)
Standard Carton Gross Weight	22 kg



-Smart Phone Application: iDMM
-Work with UT-D07A Smart Bluetooth Adaptor
-Download at both Apple and Android Stores

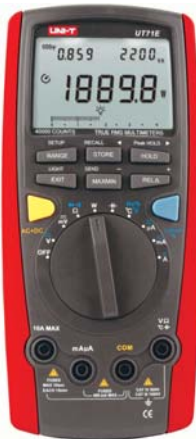
EN 61010-1
EN 61010-2-030
EN 61326-1
EN:55022



■ UT71C



■ UT71D



■ UT71E

SPECIFICATIONS



Specifications	Range	Best Accuracy		
		UT71C	UT71D	UT71E
Model				
DC Voltage(V)	400mV/4V/40V/400V/1000V	±(0.025%+5)	±(0.025%+5)	±(0.025%+5)
AC Voltage(V)	4V/40V/400V/1000V	±(0.4%+30)	±(0.4%+30)	±(0.4%+30)
DC Current(A)	400µA/4000µA/40mA/400mA/10A	±(0.1%+15)	±(0.1%+15)	±(0.1%+15)
AC Current(A)	400µA/4000µA/40mA/400mA/10A	±(0.7%+15)	±(0.7%+15)	±(0.7%+15)
Resistance(Ω)	400Ω/4kΩ/40kΩ/400kΩ/4MΩ/40MΩ	±(0.3%+8)	±(0.3%+8)	±(0.3%+8)
Capacitance (F)	40nF/400nF/4µF/40µF/400µF/4mF/40mF	±(1%+20)	±(1%+20)	±(1%+20)
Frequency (Hz)	40Hz-400MHz	±(0.01%+8)	±(0.01%+8)	±(0.01%+8)
Temperature (°C)	-40 °C ~1000°C	±(1%+30)	±(1%+30)	±(1%+30)
Temperature (°F)	-40 °F ~1832°F	±(1.5%+50)	±(1.5%+50)	±(1.5%+50)
Power (W)	2500W			±(2%+10)
Features				
Display Count		40000	40000	40000
Auto Range		✓	✓	✓
True RMS		✓	✓	✓
Bandwidth (Hz)	100kHz	✓	✓	✓
Duty Cycle	10%~90%	✓	✓	✓
Diode		✓	✓	✓
Auto Power Off		✓	✓	✓
Continuity Buzzer		✓	✓	✓
Low Battery Indication		✓	✓	✓
Data Hold		✓	✓	✓
Relative Mode		✓	✓	✓
MAX/MIN		✓	✓	✓
Data Storage		100	9999	100
USB Interface		✓	✓	✓
Double Backlight		✓	✓	✓
Analogue Bar Graph		✓	✓	✓
Full Icon Display		✓	✓	✓
Setup		✓	✓	✓
Input Impedance for DCV	DC 400mV: Around 2.5GΩ, All Other Range: 10MΩ	✓	✓	✓
4 - 20mA Loop	0~100%	±(1%+50)	±(1%+50)	±(1%+50)
Fused 10 A		✓	✓	✓
Current Measurement Alarm		✓	✓	✓
Voltage & Current AC+DC Measurement		✓	✓	✓

GENERAL CHARACTERISTICS

Power	9V Battery(6F22)
LCD Size	73mm × 50 mm
Product Color	Red and Grey
Product Net Weight	384 g
Product Size	200mm × 93mm × 40 mm
Standard Accessories	UT71C/UT71D -Battery, Test Lead, Alligator Clip, Test Clip, USB Interface Cable, PC Software CD, Carrying Bag, Point Contact Temperature Probe UT71E - Battery, Test Lead, Alligator Clip, Test Clip, USB Interface Cable, PC Software CD, Carrying Bag, Point Contact Temperature Probe, Power Adaptor
Standard Individual Packing	Gift Box, English Manual
Standard Quantity Per Carton	20 PCs
Standard Carton Measurement	535mm × 370mm × 425mm (0.084 CBM Per Standard Carton)
Standard Carton Gross Weight	22 kg



Intertek



■ UT61A



■ UT61B

SPECIFICATIONS

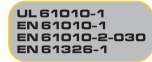


Specifications	Range	Best Accuracy	
Model		UT61A	UT61B
DC Voltage(V)	400mV/4V/40V/400V/1000V 40mV/400mV/4V/40V/400V/1000V	±(0.5%+1)	±(0.5%+1)
AC Voltage(V)	400mV/4V/40V/400V/750V 40mV/400mV/4V/40V/400V/750V	±(1%+3)	±(1%+3)
DC Current(A)	400µA/4000µA/40mA/400mA/4A/10A	±(1%+2)	±(1%+2)
AC Current(A)	400µA/4000µA/40mA/400mA/4A/10A	±(1.2%+5)	±(1.2%+5)
Resistance(Ω)	400Ω/4kΩ/40kΩ/400kΩ/4MΩ/40MΩ	±(1%+2)	±(1%+2)
Capacitance (F)	40nF/400nF/4µF/40µF/400µF/4000µF	±(3%+5)	±(3%+5)
Frequency (Hz)	10Hz-10MHz	±(0.1%+4)	±(0.1%+4)
Temperature (°C)	-40 °C ~ 1000°C		±(1.2%+3)
Temperature (°F)	-40 °F ~ 1832°F		±(1.2%+4)
Features			
Display Count		4000	4000
Auto Range		✓	✓
Manual Range		✓	✓
Bandwidth (Hz)	45Hz~400Hz	✓	✓
Duty Cycle	0.1%~99.9%	✓	✓
Diode		✓	✓
Transistor		✓	
NCV		✓	
Auto Power Off	Around 15 Minutes		✓
Continuity Buzzer		✓	✓
Low Battery Indication	≤7.5V	✓	✓
Data Hold		✓	✓
Relative Mode		✓	✓
MAX/MIN		✓	✓
RS-232		✓	✓
LCD Backlight		✓	✓
Analogue Bar Graph		41	41
Input Protection		✓	✓
Input Impedance for DCV	Around 10MΩ	✓	✓

GENERAL CHARACTERISTICS

Power	9V Battery(6F22)
LCD Size	65mm × 43 mm
Product Color	Red and Grey
Product Net Weight	370 g
Product Size	180mm × 87mm × 47 mm
Standard Accessories	UT61A-Battery, Test Lead, Multi-Purpose Socket UT61B-Battery, Test Lead, Multi-Purpose Socket, RS-232 Interface Cable, Software, Point Contact Temperature Probe
Standard Individual Packing	Gift Box, English Manual
Standard Quantity Per Carton	22 PCs
Standard Carton Measurement	455mm × 335mm × 375mm (0.057 CBM Per Standard Carton)
Standard Carton Gross Weight	14.5 kg
Optional Accessories	UT61B-USB Interface Cable

UT61C / UT61D / UT61E



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■ UT61C



■ UT61D



■ UT61E

SPECIFICATIONS

Specifications	Range	Best Accuracy		
Model		UT61C	UT61D	UT61E
DC Voltage(V)	60mV/600mV/6V/60V/600V/1000V 220mV/2.2V/22V/220V/1000V	±(0.5%+1)	±(0.5%+1)	±(0.1%+2)
AC Voltage(V)	60mV/600mV/6V/60V/600V/750V 220mV/2.2V/22V/220V/750V	±(1.0%+3)	±(1.0%+3)	±(0.8%+10)
DC Current(A)	600μA/6000μA/60mA/600mA/6A/10A 220μA/2200μA/22mA/220mA/2.2A/10A	±(1.0%+3)	±(1.0%+3)	±(0.5%+10)
AC Current(A)	600μA/6000μA/60mA/600mA/6A/10A 220μA/2200μA/22mA/220mA/2.2A/10A	±(1.2%+5)	±(1.2%+5)	±(0.8%+10)
Resistance(Ω)	600Ω/6kΩ/60kΩ/600kΩ/6MΩ/60MΩ 220Ω/2.2kΩ/22kΩ/220kΩ/2.2MΩ /22MΩ/220MΩ	±(1.0%+2)	±(1.0%+2)	±(0.5%+10)
Capacitance (F)	40nF/400nF/4μF/40μF/400μF/4000μF 22nF/220nF/2.2μF/22μF/220μF/ 2.2mF/22mF/220mF	±(3.0%+5)	±(3.0%+5)	±(3.0%+5)
Frequency (Hz)	10Hz-10MHz 10Hz-220MHz	±(0.1%+4)	±(0.1%+4)	±(0.01%+5)
Temperature (°C)	-40°C~1000°C	±(1.2%+3)		
Temperature (°F)	-40°F~1832°F	±(1.2%+4)		
Features				
Display Count		6000	6000	22000
Auto Range		✓	✓	✓
True RMS			✓	✓
Bandwidth (Hz)		45Hz~1kHz	45Hz~3kHz	45Hz~10kHz
Duty Cycle	0.1%~99.9%	✓	✓	✓
Diode		✓	✓	✓
Auto Power Off	Around 15 Minutes	✓		
Continuity Buzzer		✓	✓	✓
Low Battery Indication	≤7.5V	✓	✓	✓
Data Hold		✓	✓	✓
Relative Mode		✓	✓	✓
MAX/MIN		✓	✓	✓
Peak Value				✓
RS-232		✓	✓	✓
LCD Backlight		✓	✓	✓
Analogue Bar Graph		61	61	46
Input Protection		✓	✓	✓
Input Impedance for DCV	Around 10MΩ	✓	✓	✓

GENERAL CHARACTERISTICS

Power	9V Battery(6F22)
LCD Size	65mm × 43 mm
Product Color	Red and Grey
Product Net Weight	370 g
Product Size	180mm × 87mm × 47 mm
Standard Accessories	UT61C -Battery, Test Lead, Multi-Purpose Socket, RS-232 Interface Cable PC Software CD, Point Contact Temperature Probe UT61D/UT61E -Battery, Test Lead, Multi-Purpose Socket, RS-232 Interface Cable, PC Software CD
Standard Individual Packing	Gift Box, English Manual
Standard Quantity Per Carton	22 PCs
Standard Carton Measurement	455mm × 335mm × 375mm (0.057 CBM Per Standard Carton)
Standard Carton Gross Weight	15.5 kg
Optional Accessories	USB Interface Cable



■ UT58A



■ UT58B



■ UT58C

SPECIFICATIONS



Specifications	Range	Best Accuracy		
		UT58A	UT58B	UT58C
Model		UT58A	UT58B	UT58C
DC Voltage(V)	200mV/2V/20V/200V/1000V	±(0.5%+1)	±(0.5%+1)	±(0.5%+1)
AC Voltage(V)	2V/20V/200V/750V	±(0.8%+3)	±(0.8%+3)	±(0.8%+3)
DC Current(A)	20µA/2mA/20mA/200mA/20A	±(0.8%+1)		
	2mA/20mA/200mA/20A		±(0.8%+1)	
AC Current(A)	2mA/200mA/20A	±(1%+3)	±(1%+3)	±(1%+3)
Resistance(Ω)	200Ω/2kΩ/20kΩ/2MΩ/20MΩ/200MΩ	±(0.8%+1)	±(0.8%+1)	
	200Ω/2kΩ/20kΩ/2MΩ/20MΩ			±(0.8%+1)
Capacitance (F)	2nF/200nF/100µF	±(4%+3)	±(4%+3)	±(4%+3)
Frequency (Hz)	2kHz/20kHz			±(1.5%+5)
Temperature (°C)	-40°C~1000°C		±(1%+3)	±(1%+3)
Features				
Display Count		2000	2000	2000
Manual Range		√	√	√
Diode		√	√	√
Transistor		√	√	√
Auto Power Off		√	√	√
Continuity Buzzer		√	√	√
Data Hold		√	√	√
Low Battery Indication		√	√	√
Full Icon Display		√	√	√
Input Impedance for DCV	Around 10MΩ	√	√	√
Test Lead Connection Indications		√	√	√

GENERAL CHARACTERISTICS

Power	9V Battery(6F22)
LCD Size	60 × 54 mm
Product Color	Red and Grey
Product Net Weight	350 g (Including holster)
Product Size	179mm × 88mm × 39mm
Standard Accessories	UT58A -Battery, Test Lead,Holster,Multi-Purpose Socket UT58B/UT58C -Battery, Test Lead,Holster,Multi-Purpose Socket, Point Contact Temperature Probe
Standard Individual Packing	Gift Box, English Manual
Standard Quantity Per Carton	44 PCs
Standard Carton Measurement	705×450×340mm (0.11 CBM Per Standard Carton)
Standard Carton Gross Weight	27 kg



■ UT58D



■ UT58E

SPECIFICATIONS



Specifications	Range	Best Accuracy	
Model		UT58D	UT58E
DC Voltage(V)	200mV/20V/200V/1000V	±(0.5%+1)	
	200mV/2V/20V/200V/1000V		±(0.05%+3)
AC Voltage(V)	2V/200V/1000V	±(0.8%+3)	
	2V/20V/200V/1000V		±(0.5%+10)
DC Current(A)	2mA/200mA/20A	±(0.8%+1)	±(0.5%+5)
	2mA/200mA/20A	±(1%+3)	
AC Current(A)	20mA/200mA/20A		±(0.8%+10)
	200Ω/2kΩ/200kΩ/2MΩ/20MΩ	±(0.8%+1)	
Resistance(Ω)	200Ω/2kΩ/20kΩ/2MΩ/20MΩ		±(0.3%+1)
	20nF/200nF/2μF/100μF	±(2.5%+5)	
Capacitance (F)	2nF/20nF/2μF/20μF		±(3%+40)
	2mH/20mH/200mH/20H	±(2%+10)	
Inductance (H)	20kHz		±(1.5%+5)
Frequency (Hz)	-40 °C~1000°C		±(1%+30)
Temperature (°C)	Features		
Display Count		2000	20000
Manual Range		✓	✓
Diode		✓	✓
Transistor		✓	✓
Auto Power Off		✓	✓
Continuity Buzzer		✓	✓
Data Hold		✓	✓
Low Battery Indication		✓	✓
Full Icon Display		✓	✓
Input Impedance for DCV	Around 10MΩ	✓	✓
Test Lead Connection Indications		✓	✓

GENERAL CHARACTERISTICS

Power	9V Battery(6F22)
LCD Size	60mm × 54mm
Product Color	Red and Grey
Product Net Weight	350 g (Including holster)
Product Size	179mm×88mm×39mm
Standard Accessories	UT58D-Battery, Test Lead,Holster,Multi-Purpose Socket
	UT58E-Battery, Test Lead,Holster,Multi-Purpose Socket,Point Contact Temperature Probe
Standard Individual Packing	Gift Box, English Manual
Standard Quantity Per Carton	44 PCs
Standard Carton Measurement	705mm × 450mm × 340mm (0.11 CBM Per Standard Carton)
Standard Carton Gross Weight	27.6 kg

UNI-T®

UT33 SERIES Palm Size Digital Multimeters

UT33A



Intertek



■ UT33A

SPECIFICATIONS



Specifications	Range	Best Accuracy
Model		UT33A
DC Voltage(V)	400mV/4V/40V/250V	±(0.8%+1)
AC Voltage(V)	4V/40V/250V	±(1.2%+3)
DC Current(A)	400µA/4000µA/40mA/400mA/4A/10A	±(1%+2)
AC Current(A)	400µA/4000µA/40mA/400mA/4A/10A	±(1.5%+5)
Resistance(Ω)	400Ω/4kΩ/40kΩ/400kΩ/4MΩ/40MΩ	±(1%+2)
Features		
Display Count		4000
Auto Range		✓
Diode		✓
Display Backlight		✓
Continuity Buzzer		✓
Low Battery Indication		✓
Input Impedance for DCV	Around 10MΩ	✓

GENERAL CHARACTERISTICS

Power	1.5V Batteries (R03) × 2
LCD Size	48mm × 16mm
Product Color	Red and Grey
Product Net Weight	179 g (Including Holster)
Product Size	130mm × 73.5mm × 35mm
Standard Accessories	Batteries, Test Lead, Holster
Standard Individual Packing	Gift Box, English Manual
Standard Quantity Per Carton	66 PCs
Standard Carton Measurement	595mm × 310mm × 350mm (0.065 CBM Per Standard Carton)
Standard Carton Gross Weight	19 kg



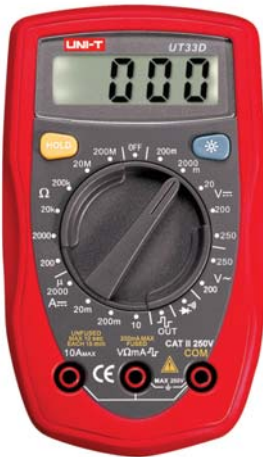
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■ UT33B



■ UT33C



■ UT33D

SPECIFICATIONS



Specifications	Range	Best Accuracy		
Model		UT33B	UT33C	UT33D
DC Voltage(V)	200mV/2000mV/20V/200V/250V	±(0.5%+2)	±(0.5%+2)	±(0.5%+2)
AC Voltage(V)	200V/250V	±(1.2%+10)	±(1.2%+10)	±(1.2%+10)
DC Current(A)	200µA/200mA/10A	±(1%+2)		
	2000µA/20mA/200mA/10A		±(1%+2)	±(1%+2)
Resistance(Ω)	200Ω/2000Ω/20kΩ/200kΩ/20MΩ	±(0.8%+2)	±(0.8%+2)	
	200Ω/2000Ω/20kΩ/200kΩ/20MΩ/200MΩ			±(0.8%+2)
Temperature (°C)	-40°C~1000°C		±(1%+3)	
Temperature (°C)	-40°F~1832°F		±(1%+4)	
Features				
Display Count		2000	2000	2000
Manual Range		√	√	√
Battery Test	1.5V/9V/12V	±(2.5%+2)		
Square Wave Output				√
Diode		√	√	√
Continuity Buzzer			√	√
Low Battery Indication		√	√	√
Data Hold		√	√	√
LCD Backlight		√	√	√
Input Impedance for DCV	Around 10MΩ	√	√	√

GENERAL CHARACTERISTICS

Power	9V Battery(6F22)
LCD Size	48mm × 16mm
Product Color	Red and Grey
Product Net Weight	179 g(Including Holster)
Product Size	130mm × 73.5mm × 35mm
Standard Accessories	UT33B/UT33D -Battery, Test Lead,Holster UT33C -Battery, Test Lead,Holster,Point Contact Temperature Probe
Standard Individual Packing	Blister, English Manual
Standard Quantity Per Carton	66 PCs
Standard Carton Measurement	595mm × 310mm × 350mm (0.065 CBM Per Standard Carton)
Standard Carton Gross Weight	UT33B/UT33D -20 kg UT33C -20.8 kg



■ UT210A



■ UT210B



■ UT210C

SPECIFICATIONS



Specifications	Range	Best Accuracy		
		UT210A	UT210B	UT210C
Model				
AC Current (A)	2A/20A/200A	±(2.5%+5)	±(2.5%+5)	
	20A/200A			±(1.8%+9)
AC Voltage(V)	2V/20V/200V/600V			±(1.0%+3)
DC Voltage(V)	200mV/2V/20V/200V/600V			±(0.7%+3)
Resistance(Ω)	200Ω/2kΩ/20kΩ/200kΩ/2MΩ/20MΩ			±(1.0%+2)
Capacitance (F)	20nF/200nF/2μF/20μF/200μF/2mF/20mF			±(4%+5)
Temperature(°C)	-40~1000°C			±(1%+3)
Temperature(°F)	-40~1832°F			±(1.5%+5)
Features				
Display Count		2000	2000	2000
Auto Range				✓
Jaw Capacity		17mm	17mm	17mm
True RMS			✓	✓
Diode	Around 3.0V			✓
NCV			✓	✓
Data Hold		✓	✓	✓
MAX/MIN			✓	✓
Relative Mode			✓	
LCD Backlight		✓	✓	✓
Auto Power Off	Around 15 Minutes	✓	✓	✓
Continuity Buzzer				✓
Low Battery Indication	≤2.5V	✓	✓	✓
Input Protection		✓	✓	✓
Input Impedance for DCV	≥10MΩ			✓

GENERAL CHARACTERISTICS

Power	AAA 1.5V x 2
LCD Size	39.3mm x 26.5 mm
Product Color	Red and Grey
Product Net Weight	UT210A/B - 160g UT210C - 170g
Product Size	UT210A/B - 155mm x 60mm x 33.5mm UT210C - 175mm x 60mm x 33.5mm
Standard Accessories	UT210A/B - Batteries UT210C - Batteries, Test Lead, Point Contact Temperature Probe
Standard Individual Packing	UT210A/B - Gift Box, English Manual UT210C - Gift Box, Carrying bag, English Manual
Standard Quantity Per Carton	40PCs
Standard Carton Measurement	UT210A/B - 345 x 245 x 300mm (0.025 CBM Per Standard Carton) UT210C - 385 x 345 x 305mm (0.041 CBM Per Standard Carton)
Standard Carton Gross Weight	UT210A/B - 9.5 kg UT210C - 11 kg



■ UT210D



■ UT210E

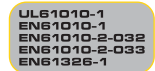
SPECIFICATIONS



Specifications	Range	Best Accuracy	
Model		UT210D	UT210E
AC Current (A)	20A/200A	±(2.5%+8)	
	2A/20A/100A		±(2.5%+5)
DC Current (A)	20A/200A	±(2%+3)	
	2A/20A/100A		±(2%+3)
AC Voltage(V)	2V/20V/200V/600V	±(1%+3)	±(1%+3)
DC Voltage(V)	200mV/2V/20V/200V/600V	±(0.7%+3)	±(0.7%+3)
Resistance(Ω)	10Hz/100Hz/1kHz/10kHz/60kHz	±(1%+2)	±(1%+2)
Frequency (Hz)	200Ω/2kΩ/20kΩ/200kΩ/2MΩ/20MΩ	±(0.1%+4)	
Capacitance (F)	2nF/20nF/200nF/2μF/20μF/200μF/2mF/20mF	±(4%+5)	±(4%+5)
Temperature(°C)	-40~1000°C	±(1%+3)	
Temperature(°F)	-40~1832°F	±(1.5%+5)	
Features			
Display Count		2000	2000
Auto Range		✓	✓
Jaw Capacity		17mm	17mm
True RMS		✓	✓
Diode	Around 3.0V	✓	✓
V.F.C		✓	✓
NCV		✓	✓
Data Hold		✓	✓
MAX/MIN		✓	✓
Zero		✓	✓
LCD Backlight		✓	✓
Auto Power Off	Around 15 Minutes	✓	✓
Continuity Buzzer		✓	✓
Low Battery Indication	≤2.5V	✓	✓
Input Protection		✓	✓
Input Impedance for DCV	≥10MΩ	✓	✓

GENERAL CHARACTERISTICS

Power	AAA 1.5V x 2
LCD Size	39.3mm x 26.5 mm
Product Color	Red and Grey
Product Net Weight	170g
Product Size	175mm x 60mm x 33.5mm
Standard Accessories	UT210D -Batteries, Test Lead, Point Contact Temperature Probe UT210E -Batteries, Test Lead
Standard Individual Packing	Gift Box, Carrying bag, English Manual
Standard Quantity Per Carton	40PCs
Standard Carton Measurement	385mm x 345mm x 305mm (0.041 CBM Per Standard Carton)
Standard Carton Gross Weight	11 kg



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■ UT211A



■ UT211B

SPECIFICATIONS



Specifications	Range	Best Accuracy	
Model		UT211A	UT211B
AC Current(A)	600mA/6000mA/60A	±(1.5%+10)	±(1.5%+10)
DC Current(A)	6000mA/60A		±(2%+3)
AC Voltage(V)	6V/60V/600V	±(0.8%+3)	±(0.8%+3)
DC Voltage(V)	600mV/6V/60V/600V	±(0.7%+3)	±(0.7%+3)
Resistance(Ω)	600Ω/6kΩ/60kΩ/600kΩ/6MΩ/60MΩ	±(0.8%+2)	±(0.8%+2)
Capacitance (F)	6.2nF~62mF	±(4%+5)	±(4%+5)
Features			
Display Count		6000	6000
Auto Range		✓	✓
True RMS		✓	✓
Diode	Around 3.0V	✓	✓
V.F.C.		✓	✓
NCV		✓	✓
Data Hold		✓	✓
Zero Mode			✓
Relative Mode		✓	
LCD Backlight		✓	✓
Auto Power Off	Around 15 Minutes	✓	✓
Continuity Buzzer		✓	✓
Low Battery Indication	≤2.5V	✓	✓
Input Protection		✓	✓
Input Impedance for DCV	≥10MΩ	✓	✓

GENERAL CHARACTERISTICS

Power	AAA 1.5V × 2
LCD Size	39.3mm × 26.5 mm
Product Color	Red and Grey
Product Net Weight	170 g
Product Size	175mm × 60mm × 33.5mm
Standard Accessories	Batteries, Test Lead
Standard Individual Packing	Gift Box, Carrying Bag, English Manual
Standard Quantity Per Carton	40 PCs
Standard Carton Measurement	385mm × 345mm × 305mm (0.041 CBM Per Standard Carton)
Standard Carton Gross Weight	11 kg



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V.F.C. NCV REL AUTO RANGE

TRUE RMS DATA HOLD

SPECIFICATIONS



■ UT213A



■ UT213B



■ UT213C

Specifications	Range	UT213A	UT213B	UT213C
Model				
AC Current (A)	4A/40A/400A 40A/400A	±(1.8%+9)	±(1.8%+9)	±(2.5%+5)
DC Current (A)	40A/400A			±(2.0%+3)
AC Voltage (V)	4V/40V/400V/600V	±(1.2%+5)	±(1.2%+5)	±(1.2%+5)
DC Voltage (V)	400mV/4V/40V/400V/600V	±(0.8%+1)	±(0.8%+1)	±(0.8%+1)
Resistance (Ω)	400Ω/4kΩ/40kΩ/400kΩ/ 4MΩ/40MΩ	±(1.0%+2)	±(1.0%+2)	±(1.0%+2)
Capacitance (F)	50nF/500nF/5μF/50μF/100μF 40nF/400nF/4μF/40μF/400μF /4mF/40mF	±(4.0%+5)	±(4.0%+5)	±(4.0%+5)
Frequency (Hz)	10Hz-1MHz	±(0.1%+4)	±(0.1%+4)	±(0.1%+4)
Temperature (°C)	-40 °C ~1000°C		±(1.0%+3)	±(1.0%+3)
Temperature (°F)	-40°F~1832°F		±(1.0%+6)	±(1.0%+6)
Features				
Display Count		4000	4000	4000
Auto Range		✓	✓	✓
Jaw Capacity		30mm	30mm	30mm
True RMS			✓	✓
Diode		Around 1.5V	Around 3.0V	Around 3.0V
NCV		✓	✓	✓
Data Hold		✓	✓	✓
Relative Mode		✓	✓	✓
MAX/MIN			✓	✓
LCD Backlight		✓	✓	✓
Flashlight		✓	✓	✓
Auto Power Off		✓	✓	✓
Continuity Buzzer		✓	✓	✓
Low Battery Indication	≤3.6V	✓	✓	✓
Input Protection		✓	✓	✓
Input Impedance for DCV	≥10MΩ	✓	✓	✓

GENERAL CHARACTERISTICS

Power	AAA 1.5V x 3
LCD Size	38mm x 24 mm
Product Color	Red and Grey
Product Net Weight	UT213A/B - 280g UT213C - 231.7g
Product Size	220mm x 75mm x 40mm
Standard Accessories	UT213A-Batteries, Test Lead UT213B/C-Batteries, Test Lead, Point Contact Temperature Probe
Standard Individual Packing	Gift Box, Carrying Bag, English Manual
Standard Quantity Per Carton	40 PCs
Standard Carton Measurement	485mm x 320mm x 385mm (0.060 CBM Per Standard Carton)
Standard Carton Gross Weight	UT213A/B - 23 kg UT213C - 20 kg



■ UT216A



■ UT216B

SPECIFICATIONS



Specifications	Range	Best Accuracy	
Model		UT216A	UT216B
AC Current(A)	6A/60A/600A 60A/600A (50~400Hz)	±(2.5%+5)	±(2.5%+5)
AC Voltage(V)	6V/60V/600V/750V	±(1.2%+5)	±(1.2%+5)
DC Voltage(V)	600mV/6V/60V/600V/1000V	±(0.8%+1)	±(0.8%+1)
Resistance(Ω)	600Ω/6kΩ/60kΩ/600kΩ/6MΩ/60MΩ	±(1%+2)	±(1%+2)
Capacitance (F)	99.99nF/999.9nF/9.999μF/99.99μF/ 999.9μF/9.999mF/59.99mF	±(4.0%+5)	±(4.0%+5)
Frequency (Hz)	10Hz-1MHz		±(0.1%+4)
Features			
Display Count		6000	6000
Auto Range		√	√
Jaw Capacity		30mm	30mm
True RMS		√	√
Diode	Around 3.0V	√	√
V.F.C.			√
NCV		√	√
Data Hold		√	√
Relative Mode		√	√
MAX/MIN		√	√
LCD Backlight		√	√
Flashlight		√	√
Auto Power Off	Around 15 Minutes	√	√
Continuity Buzzer		√	√
Low Battery Indication	≤3.6V	√	√
Input Protection		√	√
Input Impedance for DCV	≥10MΩ	√	√

GENERAL CHARACTERISTICS

Power	AAA 1.5V × 3
LCD Size	38mm × 24 mm
Product Color	Red and Grey
Product Net Weight	UT216A - 280g UT216B - 231.7g
Product Size	220mm × 75mm × 40mm
Standard Accessories	Batteries, Test Lead
Standard Individual Packing	Gift Box, Carrying Bag, English Manual
Standard Quantity Per Carton	40 PCs
Standard Carton Measurement	485mm × 320mm × 385mm (0.065 CBM Per Standard Carton)
Standard Carton Gross Weight	UT216A - 19.8 kg UT216B - 18 kg



■ UT216C



■ UT216D

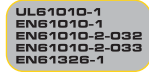
SPECIFICATIONS



Specifications	Range	Best Accuracy	
Model		UT216C	UT216D
AC Current(A)	60A/600A (50~400Hz)	±(2.5%+5)	±(2.5%+5)
DC Current(A)	60A/600A	±(2.5%+5)	±(2.5%+5)
AC Voltage(V)	6V/60V/600V/750V	±(1.2%+5)	±(1.2%+5)
DC Voltage(V)	600mV/6V/60V/600V/1000V	±(0.8%+1)	±(0.8%+3)
Resistance(Ω)	600Ω/6kΩ/60kΩ/600kΩ/6MΩ/60MΩ	±(1%+2)	±(1%+2)
Capacitance (F)	60nF/600nF/6μF/60μF/600μF/6mF/60mF	±(4.0%+5)	±(4.0%+5)
Frequency (Hz)	10Hz-1MHz	±(0.1%+4)	±(0.1%+4)
Temperature (°C)	-40 °C~1000°C	±(2.0%+5)	±(2.5%+3)
Temperature (°F)	-40 °F~1832°F	±(2.0%+10)	±(2.5%+6)
Features			
Display Count		6000	6000
Auto Range		✓	✓
Jaw Capacity		30mm	30mm
True RMS		✓	✓
Diode	Around 3.0V	✓	✓
V.F.C.		✓	✓
NCV		✓	✓
Data Hold		✓	✓
Zero Mode		✓	✓
Relative Mode		✓	✓
MAX/MIN		✓	✓
Inrush Current		✓	✓
LCD Backlight		✓	✓
OLED Display			✓
Analogue Bar Graph		61	21
Flashlight		✓	✓
Auto Power Off	Around 15 Minutes	✓	✓
Continuity Buzzer		✓	✓
Low Battery Indication	≤3.6V	✓	✓
Input Protection		✓	✓
Input Impedance for DCV	≥10MΩ	✓	✓

GENERAL CHARACTERISTICS

Power	AAA 1.5V × 3
LCD Size	38mm × 24 mm
Product Color	Red and Grey
Product Net Weight	231.7 g
Product Size	220mm × 75mm × 40mm
Standard Accessories	Batteries, Test Lead, Point Contact Temperature Probe
Standard Individual Packing	Gift Box, Carrying Bag, English Manual
Standard Quantity Per Carton	40 PCs
Standard Carton Measurement	485mm × 385mm × 385mm (0.065 CBM Per Standard Carton)
Standard Carton Gross Weight	20 kg



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■ UT201



■ UT202



■ UT202A

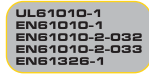
SPECIFICATIONS



Specifications	Range	Best Accuracy		
		UT201	UT202	UT202A
Model				
AC Current(A)	2A/20A/200A/400A 20A/200A/600A	±(1.5%+5)	±(1.5%+5)	±(1.5%+5)
AC Voltage(V)	2V/20V/200V/600V	±(1.2%+5)	±(1.2%+5)	±(1.2%+5)
DC Voltage(V)	200mV/2V/20V/200V/600V	±(0.8%+1)	±(0.8%+1)	±(0.8%+1)
Resistance(Ω)	200Ω/2kΩ/20kΩ/200kΩ/ 2MΩ/20MΩ	±(1%+2)	±(1%+2)	±(1%+2)
Temperature (°C)	-40°C~1000°C		±(1%+7)	
Temperature (°F)	-40°F~1832°F		±(1%+8)	
Features				
Display Count		2000	2000	2000
Auto Range		✓	✓	
Manual Range				✓
Jaw Capacity		28mm	28mm	28mm
Diode		✓	✓	✓
Auto Power Off		✓	✓	
Continuity Buzzer		✓	✓	✓
Low Battery Indication		✓	✓	✓
Data Hold		✓	✓	✓
MAX Mode		✓	✓	✓
MIN Mode				✓
Full Icon Display		✓	✓	
Input Impedance for DCV	Around 10MΩ	✓	✓	✓

GENERAL CHARACTERISTICS

Power	UT201/UT202-1.5V Batteries(R03) × 2,UT202A-9V Battery(6F22)
LCD Size	35.6mm × 18mm
Product Color	Red and Grey
Product Net Weight	220 g
Product Size	210mm × 75.6mm × 30mm
Standard Accessories	UT201/UT202A-Batteries, Test Lead UT202-Battery, Test Lead, Point Contact Temperature Probe
Standard Individual Packing	Gift Box, Carrying Bag, English Manual
Standard Quantity Per Carton	48 PCs
Standard Carton Measurement	503mm × 485mm × 295mm (0.072 CBM Per Standard Carton)
Standard Carton Gross Weight	24.8 kg



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UT203
UT204



■ UT203



■ UT204



■ UT204A

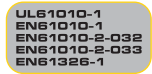
SPECIFICATIONS



Specifications	Range	Best Accuracy		
Model		UT203	UT204	UT204A
AC Current(A)	40A/400A 40A/600A	±(2.5%+5)	±(2.5%+5)	±(2.5%+5)
DC Current(A)	40A/400A 40A/600A	±(2%+3)	±(2%+3)	±(2%+5)
AC Voltage(V)	4V/40V/400V/600V	±(1%+5)	±(1%+5)	±(1%+5)
DC Voltage(V)	400mV/4V/40V/400V/600V	±(0.8%+1)	±(0.8%+1)	±(0.8%+1)
Resistance(Ω)	400Ω/4kΩ/40kΩ/400kΩ/ 4MΩ/40MΩ	±(1%+2)	±(1%+2)	±(1%+2)
Capacitance (F)	4nF/40nF/400nF/4μF/40μF /100μF			±(4%+3)
Frequency (Hz)	10Hz~10MHz	±(0.1%+3)	±(0.1%+3)	±(0.5%+3)
Temperature (°C)	-40 °C~1000°C			±(2.5%+3)
Features				
Display Count		4000	4000	4000
Auto Range		✓	✓	✓
Jaw Capacity		28mm	28mm	28mm
True RMS		✓	✓	
Duty Cycle	0.1%~99.9%	✓	✓	
Diode		✓	✓	✓
Auto Power Off		✓	✓	✓
Continuity Buzzer		✓	✓	✓
Low Battery Indication		✓	✓	✓
Data Hold		✓	✓	✓
Relative Mode		✓	✓	✓
Input Impedance for DCV	Around 10MΩ	✓	✓	✓

GENERAL CHARACTERISTICS

Power	9V Battery(6F22)
LCD Size	35.6mm × 18mm
Product Color	Red and Grey
Product Net Weight	260 g
Product Size	208mm × 76mm × 30 mm
Standard Accessories	UT203/UT204-Battery, Test Lead UT204A-Battery, Test Lead, Point Contact Temperature Probe
Standard Individual Packing	Gift Box, English Manual
Standard Quantity Per Carton	48 PCs
Standard Carton Measurement	503mm × 485mm × 295mm(0.072 CBM Per Standard Carton)
Standard Carton Gross Weight	58 kg



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■ UT205A



■ UT206A

SPECIFICATIONS



Specifications	Range	Best Accuracy	
		UT205A	UT206A
Model		UT205A	UT206A
AC Current(A)	400A/1000A	±(1.5%+5)	±(1.5%+5)
AC Voltage(V)	4V/40V/400V/600V	±(1.2%+5)	±(1.2%+5)
DC Voltage(V)	400mV/4V/40V/400V/600V	±(0.8%+1)	±(0.8%+1)
Resistance(Ω)	400Ω/4kΩ/40kΩ/400kΩ/4MΩ/40MΩ	±(1%+2)	±(1%+2)
Frequency (Hz)	10Hz~10MHz	±(0.1%+3)	±(0.1%+3)
Temperature (°C)	-40 °C~1000°C		±(2%+8)
Features			
Display Count		4000	4000
Auto Range		✓	✓
Jaw Capacity		40mm	40mm
Duty Cycle	0.1%~99.9%	✓	
Diode		✓	✓
Auto Power Off		✓	✓
Continuity Buzzer		✓	✓
Low Battery Indication		✓	✓
Data Hold		✓	✓
Relative Mode		✓	✓
LCD Backlight		✓	✓
Full Icon Display		✓	✓
Input Impedance for DCV	Around 10MΩ	✓	✓

GENERAL CHARACTERISTICS

Power	9V Battery(6F22)
LCD Size	37mm × 18mm
Product Color	Red and Grey
Product Net Weight	350 g
Product Size	236mm × 97mm × 40 mm
Standard Accessories	UT205A-Battery, Test Lead, Carrying Bag UT206A-Battery, Test Lead, Carrying Bag, Point Contact Temperature Probe
Standard Individual Packing	Gift Box, English Manual
Standard Quantity Per Carton	20 PCs
Standard Carton Measurement	525mm × 355mm × 380mm (0.071 CBM Per Standard Carton)
Standard Carton Gross Weight	15.7 kg



■ UT207



■ UT208



■ UT209

SPECIFICATIONS



Specifications	Range	Best Accuracy		
		UT207	UT208	UT209
Model				
AC Current(A)	66A/1000A	±(2%+8)	±(2%+8)	
	40A/1000A			±(2%+8)
DC Current(A)	66A/1000A	±(1.5%+8)	±(1.5%+8)	
	40A/1000A			±(1.5%+8)
AC Voltage(V)	6.6V/66V/600V	±(1.2%+5)	±(1.2%+5)	
	400mV/4V/40V/400V/600V			±(1.2%+5)
DC Voltage(V)	6.6V/66V/600V	±(0.8%+1)	±(0.8%+1)	
	400mV/4V/40V/400V/600V			±(0.8%+1)
Resistance(Ω)	600Ω/6.6kΩ/66kΩ/660kΩ/6.6MΩ/66MΩ	±(1%+2)	±(1%+2)	
	400Ω/4kΩ/40kΩ/400kΩ/4MΩ/40MΩ			±(1%+2)
Frequency (Hz)	660Hz/6.6kHz/66kHz/660kHz /6.6MHz/66MHz	±(0.1%+3)	±(0.1%+3)	
	4kHz/40kHz/400kHz/4MHz/40MHz			±(0.1%+3)
Temperature (°C)	-40 °C~1000°C		±(1%+3)	
Temperature (°F)	-40 °F~1832°F		±(1%+6)	
Features				
Display Count		6600	6600	4000
Auto Range		✓	✓	✓
Jaw Capacity		55mm	55mm	55mm
True RMS	AC Voltage	✓	✓	✓
Duty Cycle	0.1%~99.9%	✓	✓	
Diode		✓	✓	✓
Auto Power Off		✓	✓	✓
Continuity Buzzer		✓	✓	✓
Low Battery Indication		✓	✓	✓
Data Hold		✓	✓	✓
MAX/MIN		✓	✓	
Peak Max/Peak Min Mode				✓
LCD Backlight		✓	✓	✓
Analogue Bar Graph				41
Full Icon Display		✓	✓	✓
Inrush Current	AC Current	✓	✓	
Input Impedance for DCV	Around 10MΩ	✓	✓	✓

GENERAL CHARACTERISTICS

Power	9V Alkaline Battery(6LF22)
LCD Size	47mm × 30 mm
Product Color	Red and Grey
Product Net Weight	533 g
Product Size	286mm × 105mm × 45mm
Standard Accessories	UT207/UT209-Alkaline Battery, Test Lead
	UT208-Alkaline Battery, Test Lead, Point Contact Temperature Probe
Standard Individual Packing	Gift Box, Tool Box, English Manual
Standard Quantity Per Carton	5 PCs
Standard Carton Measurement	480mm × 372mm × 315mm (0.056 CBM Per Standard Carton)
Standard Carton Gross Weight	11 kg



Intertek



■ UT207A



■ UT208A



■ UT209A

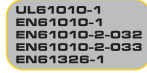
SPECIFICATIONS



Specifications	Range	Best Accuracy		
Model		UT207A	UT208A	UT209A
AC Current(A)	40A/400A/1000A	±(2%+2)	±(2%+2)	±(2%+2)
DC Current(A)	40A/400A/1000A	±(1.5%+5)	±(1.5%+5)	±(1.5%+5)
AC Voltage(V)	400mV/4V/40V/400V/750V	±(1.2%+3)	±(1.2%+3)	±(1.2%+3)
DC Voltage(V)	400mV/4V/40V/400V/1000V	±(0.8%+1)	±(0.8%+1)	±(0.8%+1)
Resistance(Ω)	400Ω/4kΩ/40kΩ/400kΩ/ 4MΩ/40MΩ	±(1%+2)	±(1%+2)	±(1%+2)
Capacitance (F)	4nF/40nF/400nF/4μF/40μF /100μF		±(4%+3)	
Frequency (Hz)	10Hz/100Hz/1kHz/10kHz/ 1MHz/10MHz	±(0.1%+3)	±(0.1%+3)	±(0.1%+3)
Temperature (°C)	-40°C~1000°C		±(2.5%+3)	
Features				
Display Count		4000	4000	4000
Auto Range		✓	✓	✓
Jaw Capacity		55mm	55mm	55mm
True RMS	AC Voltage/AC Current			✓
Duty Cycle	0.1%~99.9%	✓	✓	✓
Diode		✓	✓	✓
Auto Power Off		✓	✓	✓
Continuity Buzzer		✓	✓	✓
Low Battery Indication		✓	✓	✓
Data Hold		✓	✓	✓
LCD Backlight		✓	✓	✓
Input Impedance for DCV	Around 10MΩ	✓	✓	✓

GENERAL CHARACTERISTICS

Power	9V Alkaline Battery(6LF22)
LCD Size	47mm × 30 mm
Product Color	Red and Grey
Product Net Weight	533 g
Product Size	286mm × 105mm × 45mm
Standard Accessories	UT207A/UT209A-Battery, Test Lead UT208A-Battery, Test Lead, Point Contact Temperature Probe
Standard Individual Packing	Gift Box, Tool Box, English Manual
Standard Quantity Per Carton	20 PCs
Standard Carton Measurement	600mm × 370mm × 474mm (0.11 CBM Per Standard Carton)
Standard Carton Gross Weight	28.3 kg



Intertek



■ UT220



■ UT221



■ UT222

SPECIFICATIONS



Specifications	Range	Best Accuracy		
		UT220	UT221	UT222
Model		±(2.5%+5)		
AC Current(A)	200A/2000A		±(2.5%+5)	
	660A/2000A 600A/2500A			±(1.5%+5)
DC Current(A)	660A/2000A		±(2.5%+5)	
	600A/2500A			±(1.5%+5)
AC Voltage(V)	2V/20V/200V/1000V	±(1.2%+5)		
	6.6V/66V/660V/1000V		±(1.2%+5)	
	6V/60V/600V/1000V			±(1.0%+3)
DC Voltage(V)	2V/20V/200V/750V	±(0.8%+1)		
	6.6V/66V/660V/750V		±(0.8%+1)	
	6V/60V/600V/1000V			±(0.5%+2)
Resistance(Ω)	200Ω/2kΩ/20kΩ/200kΩ/2MΩ/20MΩ	±(1%+2)		
	660Ω/6.6kΩ/66kΩ/660kΩ/6.6MΩ/66MΩ		±(1%+2)	
Capacitance (F)	60nF/600nF/6μF/60μF/600μF/6000μF/60mF			±(3%+5)
Frequency (Hz)	66Hz/660Hz/6.6kHz/66kHz/660kHz/6.6MHz/20MHz		±(0.1%+3)	
	60Hz/600Hz/6kHz/60kHz/600kHz/6MHz/60MHz			±(0.1%+3)
Temperature (°C)	-40°C~1000°C			±(1.0%+10)
Temperature (°F)	-40°F~1832°F			±(1.0%+18)
Features				
Display Count		2000	6000	6000
Auto Range		✓	✓	✓
Jaw Opening		63mm	63mm	63mm
True RMS	AC Voltage/AC Current	✓	✓	✓
Duty Cycle	10%~90%		✓	✓
Diode		✓	✓	✓
Continuity Buzzer		✓	✓	✓
AC+DC				✓
Low-Pass Filtering			✓	✓
Inrush Current	AC Current		✓	✓
Relative Function			✓	✓
Data Hold		✓	✓	✓
MAX		✓		
MAX/MIN			✓	✓
Data Storage				1000
LCD Backlight		✓	✓	✓
Analogue Bar Graphic			66	61
Full Icon Display		✓	✓	✓
Auto Power Off		✓	✓	✓
Low Battery Indication		✓	✓	✓
Input Impedance	≥ 10MΩ	✓	✓	✓
I-OUT Function			✓	✓

GENERAL CHARACTERISTICS

Power	9V Alkaline Battery(6LF22)
LCD Size	43mm × 30 mm
Product Color	Red and Grey
Product Net Weight	UT220-390g, UT221/UT222-725g
Product Size	298mm × 100mm × 48mm
Standard Accessories	UT220- Test Leads UT221/222- Test Leads, Output Cable, Thermocouple(UT222)
Standard Individual Packing	UT220-Gift Box, Carrying Bag, English Manual UT221/UT222-Gift box, English Manual, Tool Box
Standard Quantity Per Carton	UT220-40PCs, UT221/UT222-5PCs
Standard Carton Measurement	UT220-645mm × 600mm × 330mm (0.128 CBM Per Standard Carton) UT221/UT222-510mm × 375mm × 320mm (0.061 CBM Per Standard Carton)
Standard Carton Gross Weight	UT220-30.2 kg, UT221/UT222-12 kg

UNI-T®

UT220 SERIES Large Diameter Clamp Ammeters

UT223A



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EN61010-2-032
EN61326-1

AUTO RANGE DUTY CYCLE



DATA HOLD

TRUE RMS

SPECIFICATIONS



■ UT223A

Specifications	Range	Best Accuracy	
Model		UT223A	
Current (A)	Range	0.0A~499A	±(2%+5)
		500A~999A	±(3%+5)
		1000A~2999A	±(4%+5)
		3000A~4000A	±(5%+5)
	Resolution	0.1A	
Features			
Display Mode	Four Digits LCD Display	✓	
Clamp Size	108mm×148mm (can clamp electric cable of 108mm diameter, or 160mm×4mm flat cable and steel earth wires)	✓	
Auto Range		✓	
RS-232		✓	
Data Storage		99	
LCD Backlight		✓	
Date Hold		✓	
Overload Protection	OL	✓	
Auto Power Off	5Minutes	✓	
Low Battery Indication	≤5.2V	✓	
Test Model	Clamp CT, integral mode	✓	

GENERAL CHARACTERISTICS

Power Supply	6V DC(LR6×4 Alkaline Batteries)
LCD Size	47mm×28.5mm
Product Color	Red + Grey
Product Weight	1.5kg(Included Batteries)
Product Size	350mm×180mm×55mm
Standard Accessories	Batteries, RS232 Interface Cable, Software CD, Toolbox
Standard Individual Packing	Gif Box, English Manual
Standard Quality Per Carton	4PCs
Standard Carton Measurement	564mm×428mm×270mm (0.068 CBM Per Standard Carton)
Standard Carton Gross Weight	15.5 kg



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EN61326-1



■ UT231



■ UT233

SPECIFICATIONS

·)) DATA HOLD MAX MIN AUTO RANGE TRUE RMS USB

Specifications	Range	Best Accuracy	
Model		UT231	UT233
AC Current(A)	40A/100A/400A/1000A	±(2%+5)	±(2%+5)
AC Voltage(V)	15V/100V/300V/600V	±(1.2%+5)	±(1.2%+5)
Frequency (Hz)	20Hz~500Hz	±(0.5%+5)	±(0.5%+5)
Temperature (°C)	-50°C~1000°C	±(1%+5)	
Temperature (°F)	-58°F~1832°F	±(1%+11)	
Active Power (W)	0.01kW~600kW	±(3%+5)	±(3%+5)
Apparent Power (VA)	0.01kVA~600kVA	±(3%+5)	±(3%+5)
Reactive Power (VAR)	0.01kVAR~600kVAR	±(4%+5)	±(4%+5)
Power Factor	0.3~1	±0.022	±0.022
Phase Angle (°)	0°~360°	±1°	±1°
Active Energy (Wh)	1~9999kWh	±(3%+2)	±(3%+2)
Features			
Display Count		10000	10000
Auto Range		√	√
Jaw Capacity		50mm	50mm
True RMS	AC Voltage/AC Current	√	√
Auto Power Off		√	√
Low Battery Indication		√	√
Data Hold		√	√
MAX/MIN		√	√
Data Storage		99	99
USB Interface		√	√
LCD Backlight		√	√
Analogue Bar Graphic		51	
Full Icon Display		√	√
Single-Phrase 2-Wires		√	√
3-Phrase 3-Wires			√
3-Phrase 4-Wires			√
Phase Sequence Test	Positive Phase,ReversePhase, Phase Deficiency		√
Auto Calibration		√	√
Input Impedance for DCV	Around 10MΩ	√	√

GENERAL CHARACTERISTICS

Power	1.5V Batteries(LR6) × 4
LCD Size	46mm × 42mm
Product Color	Red and Grey
Product Net Weight	601 g
Product Size	303mm × 112mm × 39mm
Standard Accessories	UT231 -Battery, Test Lead, Alligator Clip,USB Interface Cable,PC Software CD,Point Contact Temperature Probe UT233 -Battery, Test Lead, Alligator Clip,USB Interface Cable, PC Software CD
Standard Individual Packing	Gift Box, Tool Box, English Manual
Standard Quantity Per Carton	5 PCs
Standard Carton Measurement	510mm × 375mm × 320mm (0.061 CBM Per Standard Carton)
Standard Carton Gross Weight	12 kg



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■ UT243

SPECIFICATIONS



Specifications	Range	Best Accuracy
Model		UT243
AC Current(A)	50A/250A/1000A	±(2%+5)
AC Voltage(V)	150V/300V/600V	±(1.2%+5)
Frequency (Hz)	50Hz~60Hz	√
Active Power (W)	0.01kW-600kW	±(3%+5)
Apparent Power (VA)	0.01kVA-600kVA	±(3%+5)
Reactive Power (VAr)	0.01kVA-600kVA	±(4%+5)
Power Factor	0.3~1	±0.022
Phase Angle (°)	0°~360°	±2°
Active Energy (Wh)	1~9999kWh	±(3%+2)
Features		
Display Count		10000
Auto Range		√
Jaw Capacity		50mm
True RMS		√
Auto Power Off		√
Low Battery Indication		√
Data Hold		√
MAX/MIN		√
Data Storage		999
USB Interface		√
LCD Backlight		√
Full Icon Display		√
Single-Phase 2-Wires		√
3-Phase 3-Wires		√
3-Phase 4-Wires		√
Phase Sequence Test		√
Harmonic Analysis		1~20
Setup		√
Input Protection		√
Input Impedance for DCV	Around 5MΩ	√

GENERAL CHARACTERISTICS

Power	1.5V Batteries(LR6) × 4
LCD Size	46mm × 42mm
Product Color	Red and Grey
Product Net Weight	601 g
Product Size	303mm × 112mm × 39mm
Standard Accessories	Test Lead, Batteries, Alligator Clips, USB Interface Cable, Tool Box, PC Software CD
Standard Individual Packing	Gift Box, Tool Box, English Manual
Standard Quantity Per Carton	5 PCs
Standard Carton Measurement	510mm × 375mm × 320mm (0.061 CBM Per Standard Carton)
Standard Carton Gross Weight	12.3 kg



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■ UT251A



■ UT251B



■ UT251C

SPECIFICATIONS



Specifications	Range	Best Accuracy		
Model		UT251A	UT251B	UT251C
Leakage Current(A)	0.001mA~60.00A	±(1.5%+5)	±(1.5%+5)	±(1.5%+5)
	60.00A~199.9A		±(2%+5)	±(2%+5)
	200.0A~300.0A		±(4%+5)	±(3%+5)
	300.0A~600.0A			±(4%+5)
	Voltage(Freq.) 0V~600V(50Hz/60Hz)	✓	✓	✓
Resolution		1uA	10uA	1mA
Features				
Display Count		10000	10000	10000
Auto Range		✓	✓	✓
Clamp Size		25mm×30mm	35mm×40mm	35mm×40mm
RS-232		✓	✓	✓
Data Storage		99	99	99
Peak Value		✓	✓	✓
Data Hold		✓	✓	✓
Auto Power Off	Around 5 Minutes	✓	✓	✓
Low Battery Indication	≤7.2V	✓	✓	✓
Over-Range Display	OL	✓	✓	✓
Test Mode	Clamp CT, Integral Approach	✓	✓	✓

GENERAL CHARACTERISTICS

Power	9V Battery(6F22)
LCD Size	32mm × 15mm
Product Color	Red and Grey
Product Net Weight	120 g
Product Size	175mm × 70mm × 38mm
Standard Accessories	Battery,RS-232 Interface Cable,PC Software CD
Standard Individual Packing	Gift Box, Tool Box, English Manual
Standard Quantity Per Carton	6 PCs
Standard Carton Measurement	375mm × 315mm × 220mm (0.026CBM Per Standard Carton)
Standard Carton Gross Weight	3.4 kg



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EN61326-1



■ UT253A



■ UT253B

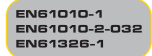
SPECIFICATIONS



Specifications	Range	Best Accuracy		
Model		UT253A	UT253B	
Leakage Current(A)	0.00mA~300A	±(1.5%+3)	±(1.5%+3)	
	300A~1200A	±(2%+3)	±(2%+3)	
	1200A~2000A		±(3%+3)	
	Voltage(Freq.)	√	√	
AC Voltage (V)	Resolution	0.01mA	0.1mA	
	Range	0.00V~600V	±(1.5%+3)	±(1.5%+3)
	Frequency	50Hz/60Hz	√	√
	Resolution	0.01V	√	√
Features				
Display	LCD:128dots×64dots	√	√	
Clamp Size	80mm×80mm	√	√	
Auto Range		√	√	
RS-232		√	√	
Data Storage		200	200	
LCD		√	√	
Data Hold		√	√	
Over-Range Display	OL	√	√	
Auto Power Off	Around 15 Minutes	√	√	
Low Battery Indication	≤5.2V	√	√	
Test Mode	Clamp CT, Integral Approach	√	√	

GENERAL CHARACTERISTICS

Power	1.5V Batteries(LR6) × 4
LCD Size	43mm × 29mm
Product Color	Red and Grey
Product Net Weight	1000 g
Product Size	275mm × 145mm × 40mm
Standard Accessories	Batteries, Test Line: 4 pcs(3 red, 1 black), RS-232 Interface Cable, PC Software CD
Standard Individual Packing	Gift Box, English Manual, Tool Box
Standard Quantity Per Carton	6 PCs
Standard Carton Measurement	660mm × 375mm × 280mm (0.068CBM Per Standard Carton)
Standard Carton Gross Weight	15.6 kg



■ UT255A

SPECIFICATIONS



Specifications	Range	Best Accuracy	
		UT255A	UT255B
Model			
Leakage Current(A)	0.01mA~100.0A	±(1%+5)	±(1%+5)
	100.0A~600.0A	±(2%+5)	±(2%+5)
	Voltage(Freq.) 0V~69kV(50Hz/60Hz)	√	√
Features			
Display Mode	4 Digits Display LCD	√	√
Jaw Capacity		33mm	33mm
Auto Range		√	√
Wireless Transmission	≤ 30m		√
Data Storage		99	99
Data Recall		√	√
Peak Value		√	√
LCD Backlight		√	√
Data Hold		√	√
Auto Power Off	Around 15 Minutes	√	√
Low Battery Indication		√	√
Over-Range Display	OL	√	√
Test Mode	Clamp CT, Integral Approach	√	√
Sample Rate	About 2 times/second	√	√



■ UT255B

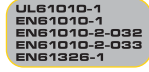
GENERAL CHARACTERISTICS

Power	1.5V Batteries(LR03) × 4
LCD Size	47mm × 28.5mm
Product Color	Red and Grey
Product Net Weight	335 g
Product Size	68mm × 245mm × 40mm
Standard Accessories	UT255A -Batteries,Insulation Rod ,Tool Box UT255B -Batteries,Insulation Rod,Receiver,Tool Box
Standard Individual Packing	Gift Box, Tool Box, English Manual
Standard Quantity Per Carton	1 PCs
Standard Carton Measurement	1040mm × 240mm × 140mm (0.05CBM Per Standard Carton)
Standard Carton Gross Weight	6.8 kg

UNI-T®

UT256 SERIES 200A True RMS Fork Meters

UT256B



Intertek



■ UT256B

SPECIFICATIONS



Specifications	Range	Best Accuracy
Model		UT256B
AC Current (A)	200A	±(2.5%+5)
DC Current (A)	200A	±(2.5%+5)
AC Voltage(V)	6V/60V/600V/750V	±(1.2%+3)
DC Voltage(V)	600mV/6V/60V/600V/1000V	±(0.8%+3)
Resistance (Ω)	600Ω/6kΩ/60kΩ/600kΩ/6MΩ/60MΩ	±(1.0%+2)
Capacitance (F)	60nF/600nF/6μF/60μF/600μF/6mF/60mF	±(4%+20)
Features		
Display Count		6000
Auto Range		✓
True RMS		✓
Diode	Around 3.0V	✓
NCV		✓
Data Hold		✓
Zero Mode		✓
Relative Mode		✓
LCD Backlight		✓
Auto Power Off	Around 15 Minutes	✓
Continuity Buzzer		✓
Low Battery Indication	≤2.4V	✓
Input Protection		✓
Input Impedance for DCV	≥10MΩ	✓

GENERAL CHARACTERISTICS

Power	AAA 1.5V x 2
LCD Size	36.5mm x 24mm
Product Color	Red and Grey
Product Net Weight	163.7g
Product Size	210mm x 53mm x 35mm
Standard Accessories	Batteries, Test Lead
Standard Individual Packing	Gift Box, Carrying Bag, English Manual
Standard Quantity Per Carton	40PCs
Standard Carton Measurement	490mm x 350 mm x 305mm (0.052 CBM Per Standard Carton)
Standard Carton Gross Weight	15.2 kg



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EN61326-1



■ UT257A

SPECIFICATIONS

DATA HOLD

Specifications	Range	Best Accuracy	
Model		UT257A	
Leakage Current and Current (A)	Range	0.0mA~499A	±(2%+5)
		500A~999A	±(3%+5)
		1000A~2999A	±(4%+5)
	Resolution	0.1mA	
Test Range	AC 0.0mA~3200A	✓	
Special Functions			
Display Mode	Four Digits LCD Display	✓	
Clamp Size	108mm×148mm (can clamp electric cable of 108mm diameter, or 160mm×4mm flat cable and steel earth wires)	✓	
Auto Range		✓	
RS-232		✓	
Data Storage		99Groups	
LCD Backlight		✓	
Date Hold		✓	
Overload Protection	OL	✓	
Auto Power Off	5Minutes	✓	
Low Battery Indication	≤5.2V	✓	
Test Model	Clamp CT, integral mode	✓	

GENERAL CHARACTERISTICS

Power Supply	6V DC (LR6×4 alkaline dry batteries)
LCD Size	47mm×28.5mm
Product Color	Red + Grey
Product Weight	1.5kg (Included Batteries)
Product Size	350mm×180mm×55mm
Standard Accessories	Batteries, RS232 Interface Cable, Software CD, Toolbox
Standard Individual Packing	Gif Box, English Manual, Warranty Card
Standard Quantity Per Carton	4PCs
Standard Carton Measurement	564mm×428mm×270mm (0.065 CBM Per Standard Carton)
Standard Carton Gross Weight	16.4 kg

UNI-T®

UT258 SERIES AC/DC Leakage Clamp Meters

UT258A



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EN61010-2-032
EN61326-1



■ UT258A

SPECIFICATIONS



Specifications	Range	Best Accuracy
Model		UT258A
AC/DC Current (A)	0mA~60.0A	±(2%+5)
Resolution	1mA	
Frequency Response	45Hz~200Hz	
Features		
Display Mode	Four Digits LCD display	✓
Clamp Size	Φ7mm	✓
Auto Range		✓
RS-232 Interface		✓
Date Storage		99
Set to Zero Function	Adjust "ZERO" key to return to zero	✓
Date Hold		✓
Line Voltage	AC 600V	✓
Auto Power Off	5 Minutes	✓
Low Battery Indication	Around 7.2V	✓
Sampling Rate	2 Times/s	✓
Working Current	10mA	✓

GENERAL CHARACTERISTICS

Power Supply	9V Battery (6F22)
Product Color	Red and Grey
Product Net Weight	180g (Included Batteries)
Product Size	168mm×65mm×34mm
Standard Accessories	Batteries, Software CD, RS232 Interface Cable
Standard Individual Packing	Gift Box, English Manual, Toolbox
Standard Quantity Per Carton	20PCs
Standard Carton Measureent	375mm×315mm×220mm (0.026 CBM Per Standard Carton)
Standard Carton Gross Weight	10 kg



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EN61326-1



■ UT261A



■ UT261B

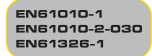
SPECIFICATIONS



Specifications	Range	Best Accuracy	
		UT261A	UT261B
Model			
AC Voltage (V)	40V~690V 90V~600V	✓	✓
Frequency Range (Hz)	15Hz~400Hz	✓	✓
Test Current (A)	<1mA	✓	✓
Features			
Phase Sequence Indication		LCD	LED
Missing Phase Indication		LCD	LED
Motor Rotation Indication			LED

GENERAL CHARACTERISTICS

Power	9V Battery (6F22)		✓
	No Battery Required	✓	
Product Color	Red and Grey		
Product Net Weight	180 g		
Product Size	70mm × 75mm × 30mm		
Standard Accessories	Test Cord with Alligator Clip (×3), Battery (UT261B Only), Carrying Bag		
Standard Individual Packing	Gift Box, English Manual		
Standard Quantity Per Carton	40 PCs		
Standard Carton Measurement	645mm × 450mm × 340mm (0.098 CBM Per Standard Carton)		
Standard Carton Gross Weight	20 kg		



■ UT262A



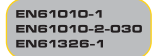
■ UT262C

SPECIFICATIONS

Specifications	Range	Best Accuracy	
Model		UT262A	UT262C
Phase Sequence	[Positive Phase] indicated by four phase detecting lights turn on clockwise and non-continuous beeping sound.	✓	✓
	[Negative Phase] indicated by four phase detecting lights turn on anti-clockwise and continuous beeping sound.	✓	✓
Missing Phase Detection	R-S or S-T light Off	✓	✓
Live Power Detection	R-S or S-T light On	✓	✓
Circuit Break Detection	R-S or S-T light Off	✓	✓
Voltage Detection	R-S or S-T light On	✓	✓
AC Voltage Range (V)		70V~600V	70V~1000V
Frequency Range (Hz)	40Hz~70Hz	✓	✓
Features			
Clamp Opening		Φ1.6~Φ16mm	Φ10~Φ40mm
Display Mode		LED	LED
Power on Indication		✓	✓
Buzzer Indication		✓	✓
Auto Power Off	Automatically switch off after three minutes	✓	✓

GENERAL CHARACTERISTICS

Power	1.5V Batteries(R6) ×2
Product Color	Red and Grey
Product Net Weight	180 g
Product Size	70mm × 75mm × 30mm
Standard Accessories	Batteries
Standard Individual Packing	Blister, English Manual
Standard Quantity Per Carton	40 PCs
Standard Carton Measurement	690mm × 650mm × 405mm (0.182CBM Per Standard Carton)
Standard Carton Gross Weight	9 kg



■ UT265B

SPECIFICATIONS



Specifications	Range	Best Accuracy
Model		UT265B
AC Current(A)	0.0mA~20.0A	±(1.5%+3)
AC Voltage(V)	0.00V~600V	±(1.5%+3)
Frequency (Hz)	45Hz~65Hz	±(2%+3)
Active Power (W)	0.0W~12kW	±(3%+3)
Apparent Power (VA)	0.0VA~12kVA	±(3%+3)
Reactive Power (VAr)	0.0VAR~12kVAr	±(3%+3)
Power Factor	-1~+1	±0.03
Phase Angle (°)	0.0°~360°	±1°
Features		
Display Mode	LCD:240dots×160dots	✓
Clamp Size	Acuminate Current Clamp:7.5mm×13mm (Optional) Round Jaw Current Clamp:35mm×40mm (Optional)	✓
Auto Range		✓
RS-232		✓
Data Storage		1500
LCD Backlight		✓
Data Hold		✓
Input Impedance for DCV	Around 2MΩ	✓
Auto Power Off	Around 15 Minutes	✓
Low Battery Indication		✓
Sample Rate	About 2 times/second	✓

GENERAL CHARACTERISTICS

Power	1.5V Batteries (LR6) × 6
Product Color	Red and Grey
Product Net Weight	550 g
Product Size	196mm × 92mm × 54mm
Standard Accessories	Batteries, Current Clamp: 2 pcs, Test Line: 4 pcs (2 yellow, 2 black)
Standard Individual Packing	Gift Box, English Manual, Tool Box
Standard Quantity Per Carton	6 PCs
Standard Carton Measurement	760mm × 340mm × 335mm (0.087CBM Per Standard Carton)
Standard Carton Gross Weight	18 kg

UNI-T®

UT267 SERIES Intelligent Three Clamp Phase Voltammeters

UT267B



EN61010-1
EN61010-2-030
EN61326-1



■ UT267B

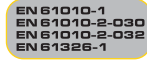
SPECIFICATIONS



Specifications	Range	Best Accuracy
Model		UT267B
AC Current(A)	0.0mA~20.0A	±(1.5%+3)
AC Voltage(V)	0.00V~600V	±(1.5%+3)
Frequency (Hz)	45Hz~65Hz	±(2%+3)
Active Power (W)	0.0W~12kW	±(3%+3)
Apparent Power (VA)	0.0VA~12kVA	±(3%+3)
Reactive Power (VAR)	0.0VAR~12kVAR	±(3%+3)
Power Factor	-1~1	±0.03
Phase Angle (°)	0.0°~360°	±1°
Current Vector Sum	0mA~60.0A	✓
Phase Sequence Test	Order:U1→U2→U3 or I1→I2→I3 Positive Change U1→U3→U2 or I1→I3→I2 To reverse	✓
Features		
Display Mode	LCD: 240dots×160dots	✓
Clamp Size	Acuminate Current Clamp:7.5mm×13mm (Optional) Round Jaw Current Clamp:35mm×40mm (Optional)	✓
Auto Range		✓
RS-232		✓
Data Storage		99
LCD Backlight		✓
Data Hold		✓
Input Impedance for DCV	Around 2MΩ	✓
Auto Power Off	Around 15 Minutes	✓
Low Battery Indication		✓
Sample Rate	About 2 times/second	✓

GENERAL CHARACTERISTICS

Power	1.5V Batteries (LR6) × 6
Product Color	Red and Grey
Product Net Weight	550 g
Product Size	196mm × 92mm × 54mm
Standard Accessories	Batteries,Current Clamp: 3 pcs;Test Line: 4 pcs (1 yellow,1green,1 red, 1 black)
Standard Individual Packing	Gift Box, English Manual, Tool Box
Standard Quantity Per Carton	6 PCs
Standard Carton Measurement	760mm × 340mm × 335mm (0.087CBM Per Standard Carton)
Standard Carton Gross Weight	18 kg



■ UT273



■ UT275

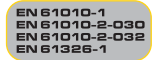
SPECIFICATIONS



Specifications	Range	Best Accuracy	
Model		UT273	UT275
Earth Ground Resistance (Ω)	0.01~0.099 Ω	$\pm(1\%+0.01)$	$\pm(1\%+0.01)$
	0.1~0.99 Ω	$\pm(1\%+0.01)$	$\pm(1\%+0.01)$
	1.0~49.9 Ω	$\pm(1.5\%+0.1)$	$\pm(1.5\%+0.1)$
	50.0~99.5 Ω	$\pm(2\%+0.5)$	$\pm(2\%+0.5)$
	100~199 Ω	$\pm(3\%+1)$	$\pm(3\%+1)$
	200~395 Ω	$\pm(10\%+5)$	$\pm(10\%+5)$
	400~590 Ω	$\pm(20\%+10)$	$\pm(20\%+10)$
Leakage Current(A)	600~1000 Ω	$\pm(25\%+20)$	$\pm(25\%+20)$
	0.00~299mA		$\pm(2.5\%+2mA)$
	0.30~2.99A		$\pm(2.5\%+100mA)$
	3.00~30.0A		$\pm(2.5\%+300mA)$
Features			
Maximum Display		9999	9999
Auto Range		✓	✓
Jaw Capacity		28mm	28mm
Auto Power Off		✓	✓
Low Battery Indication	$\leq 5.2V$	✓	✓
Data Hold		✓	✓
Data Storage		30	30
Data Recall		✓	✓
LCD Backlight		✓	✓
Auto Calibration		✓	✓
Resistance Limit Alarm		✓	✓

GENERAL CHARACTERISTICS

Power	1.5V Batteries(LR6)×4
LCD Size	47mm × 28.5mm
Product Color	Red and Grey
Product Net Weight	1320 g
Product Size	293mm×90mm×66mm
Standard Accessories	Batteries, Test Ring, Tool Box
Standard Individual Packing	Gift Box, English Manual
Standard Quantity Per Carton	5 PCs
Standard Carton Measurement	510mm × 375mm × 320mm (0.06CBM Per Standard Carton)
Standard Carton Gross Weight	15.2 kg



■ UT276A



■ UT278A

SPECIFICATIONS



Specifications	Range	Best Accuracy	
Model		UT276A	UT278A
Earth Ground Resistance (Ω)	0.01~0.099Ω	±(1%+0.01)	±(1%+0.01)
	0.1~0.99Ω	±(1%+0.01)	±(1%+0.01)
	1.0~49.9Ω	±(1%+0.1)	±(1%+0.1)
	50.0~99.5Ω	±(2%+0.5)	±(2%+0.5)
	100~199Ω	±(3%+1)	±(3%+1)
	200~395Ω	±(6%+5)	±(6%+5)
	400~590Ω	±(10%+10)	±(10%+10)
	600~800Ω	±(20%+20)	±(20%+20)
Leakage Current(A)	800~1200Ω	±(25%+30)	±(25%+30)
	0mA~9mA		±(2.5%+1)
	10mA~99mA		±(2.5%+5)
	100mA~299mA		±(2.5%+10)
	0.30A~2.99A		±(2.5%+0.1)
	3.0A~9.9A		±(2.5%+0.3)
	10.0A~20.0A		±(2.5%+0.5)
	3A~30A		±(2.5%+0.5)
Features			
Display Count	4 Digits Display LCD	✓	✓
Auto Range		✓	✓
Jaw Capacity	32mm		32mm
Single Measure Time	1 Second	✓	✓
Resistance Measurement Frequency	>1kHz	✓	✓
Current Measurement Frequency	50Hz/60Hz	✓	✓
Resistance Limit Alarm	1Ω~199Ω	✓	✓
Current Limit Alarm	1mA~499mA	✓	✓
RS-232		✓	✓
Beeper and Light Alarm		✓	✓
Jamming Signal Recognition		✓	✓
Over-Range Display		✓	✓
Low Battery Indication		✓	✓
Data Logging		99	99

GENERAL CHARACTERISTICS

Power	1.5V Batteries(LR6)×4
LCD Size	47mm × 28.5mm
Product Color	Red and Grey
Product Net Weight	1160 g
Product Size	285mm × 85mm × 56mm
Standard Accessories	Batteries, Test Ring, Tool Box
Standard Individual Packing	Gift Box, English Manual
Standard Quantity Per Carton	6 PCs
Standard Carton Measurement	610mm × 375mm × 320mm (0.073CBM Per Standard Carton)
Standard Carton Gross Weight	18 kg
Optional Accessories	USB Interface Cable, PC Software CD

UNI-T®

UT281 SERIES True RMS Flex Clamp

UT281A

NEW PRO



EN 61010-1
EN 61010-2-030
EN 61010-2-032
EN 61326-1



■ UT281A

SPECIFICATIONS

Specifications	Best Accuracy	
Model	UT281A	
AC Current(A)	Range	30.00A/300.0A/3000A
	Resolution	0.01A/0.1A/1A
	Frequency Response	45Hz~500Hz(sine wave)
	Accuracy	±(3%+5)
Inrush Current	80ms, minimum is 3.0A, display range: 0.50A~3000A	
Range Selection	Manual operation	
Clamp Size	Coil diameter 0.3 inches (0.75cm), bending part 10 inches(24.5cm), radius 1.5 inches(3.8cm)	
Max Display	3000Counts, "OL" will show when overload	
Display Update Rate	3/sec	
True RMS	✓	
Data Hold	✓	
Auto Power off	About 10 min.	
Backlight	✓	

GENERAL CHARACTERISTICS

Power	AAA 1.5 × 3V
LCD Size	32mm × 34mm
Product Color	Red and Grey
Product Net Weight	220g
Product Size	300mm × 150mm × 55mm
Standard Accessories	Batteries
Standard Individual Packing	Gift Box, Blister, English Manual
Standard Quantity Per Carton	8PCs
Standard Carton Measurement	600mm × 380mm × 270mm
Standard Carton Gross Weight	9.5kg

UNI-T®

UT281 SERIES True RMS Flex Clamp

UT281C

NEW PRO



EN 61010-1
EN 61010-2-030
EN 61010-2-032
EN 61326-1



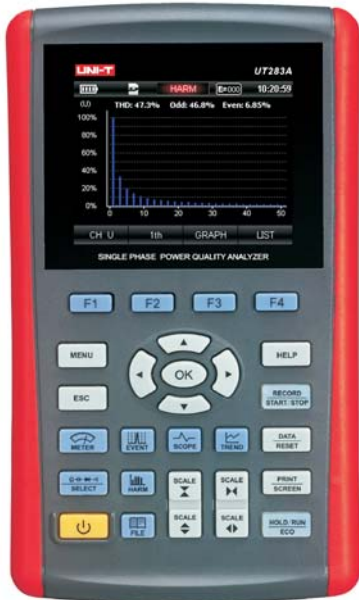
■ UT281C

SPECIFICATIONS

Specifications	Best Accuracy	
Model		UT281C
Maximum Current Measurement		3000A
AC Current(A)	Range	30.00A/300.0A/3000A
	Resolution	0.01A/0.1A/1A
	Frequency Response	45Hz~500Hz(sine wave)
	Accuracy	±(3%+5)
Inrush Current	80ms, minimum is 3.0A, display range: 0.50A~3000A	
Range Selection	Manual operation	
Clamp Size	Coil diameter 0.3 inches(0.75cm), bending part 18 inches(45.7cm), radius 3.1 inches(8cm)	
Max Display	3000Counts, "OL" will show when overload	
Display Update Rate	3/sec	
True RMS	✓	
Data Hold	✓	
Auto Power off	About 10 min.	
Backlight	✓	

GENERAL CHARACTERISTICS

Power	AAA 1.5 × 3V
LCD Size	32mm × 34mm
Product Color	Red and Grey
Product Net Weight	236 g
Product Size	350mm × 190mm × 55mm
Standard Accessories	Batteries
Standard Individual Packing	Gift Box, Blister, English Manual
Standard Quantity Per Carton	8PCs
Standard Carton Measurement	650mm × 420mm × 270mm
Standard Carton Gross Weight	10.1kg



■ UT283A

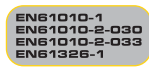
SPECIFICATIONS



Specifications	Range	Best Accuracy
Model		UT283A
Voltage (V)	10V~1000V AC/DC	±0.5% U _{din}
AC Current (A)	10A/100A/1000A	±0.5% f.s.
Frequency (Hz)	40~70Hz	±50mHz
Power (W)	>15% S	±1% S
Power Factor	0~1.0	±0.02
Energy (Wh)	0~9999MWh	±1.5%rdg
Crest Factor	1.0 to 10.0	±5%
Voltage Harmonics or Inter Harmonics	U _m ≥ 1% U _{din} (1~51th,step 0.5th)	±5% U _{rms}
	U _m ≤ 1% U _{din} (1~51th,step 0.5th)	±0.05% U _{din}
Current Harmonics or Inter Harmonics	I _m ≥ 10% I f.s(1~51th,step 0.5th)	5% I _{rms}
	I _m ≤ 10% I f.s(1~51th,step 0.5th)	±0.5% f.s.
Power Harmonics	(1~51th,step 1th)	Calculated based on voltage and current amplitude and phase accuracy
Transients	±(2000 V~ 6000 V Peak), Fsample=2MHz	±5% Rdg.±5%Fs
Dips Swell & Interrupt	0~1000V AC	U _{din} ± 1%
AC Inrush Current (A)	10A/100A/1000A	±1%f.s
Resistance (Ω)	600Ω/6kΩ/60kΩ/600kΩ/6MΩ/60MΩ	±(1.0%+3)
Capacitance (F)	60nF/600nF/6μF/60μF/600μF	±(4 %+20)
Features		
True RMS		✓
Harmonic Analysis	Up to 51th	✓
Flick Measure	10 Minutes PST and PLT Value	✓
Voltage Ratio		✓
Current Ratio		✓
Event Capture		✓
Trend Capture		✓
Data Logging	8GB	✓
USB Interface		✓
Backlight Adjustment		✓
Low Battery Indication		✓
Input Protection		✓

GENERAL CHARACTERISTICS

Power	7.4V 3600mAh Li-ion Battery
LCD	3.5 Inches 64k Color TFT LCD (320 x 240)
Product Color	Red and Grey
Product Net Weight	808.4 g
Product Size	199mm × 118mm × 49mm
Standard Accessories	Power Adaptor, Test Lead, Current Clamp(10A/100A/1000A), USB Cable, Software CD, SD Card (8GB)
Standard Individual Packing	Gift Box, Carrying Bag, English Manual
Standard Quantity Per Carton	4 PCs
Standard Carton Measurement	490mm × 380mm × 310mm (0.058 CBM Per Standard Carton)
Standard Carton Gross Weight	10 kg

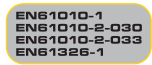


■ UT285A

SPECIFICATIONS-Part 1



Specifications	Range	Best Accuracy
Model		UT285A
AC Current (A)	AC 0.0mA~3000.0A	±1%(10-100%In)
AC Voltage (V)	AC 0.00V~1000V	±0.1%
Frequency (Hz)	45Hz~65Hz	±0.01Hz
Active Power (W)	0.0W~9000kW	±1%
Apparent Power (VA)	0.0VA~9000kVA	±1%
Reactive Power (VAR)	0.0VAR~9000kVAR	±1%
Power Factor	-1~+1	±0.1%
Phase Angle (°)	0.0°~360°	±1°
Pst (1min), Pst, Plt	0.00~20.00	±5%
Voltage Unbalance	0.0~20.0%	±0.1%
Current Unbalance	0.0~20.0%	±1%
Harmonic Volts %f	0~100.0%	± 0.1% ± n x 0.1%
Harmonic Volts %r	0~100.0%	± 0.1% ± n x 0.4%
Harmonic Volts Absolute	0~1000 V	± 5%
Volts THD	0~100.0%	± 2.5%
Harmonic Amps %f	0~100.0%	± 0.1% ± n x 0.1%
Harmonic Amps %r	0~100.0%	± 0.1% ± n x 0.4%
Harmonic Amps Absolute	40~3000 A	± 5%
Amps THD	0~100.0%	± 2.5%
Harmonic Watts %f or %r	0.0~100.0%	± n x 2%
Harmonic Watts Absolute	clamp scaling * V nominal	± 5% ± n x 2%
Watts THD	0~100.0%	± 5%
Harmonic Hz	0 ~ 2500 Hz(1-50 order)	±1Hz
Harmonic Phase Angle	0~360°	±n x 1°
Vrms½	0~200% of nominal voltage	±0.2% of nominal voltage
Arms½	3000A	±1%
Data Logging	8GB (Support up to 32GB)	
USB Interface		✓
Event Duration	Hhh:mm:ss:mmm	One cycle



■ UT285A

SPECIFICATIONS-Part 2

DATA LOGGING

USB

TRUE RMS

Features	Sampling Rate	Interval
Recording		
Volts/Amps/Hertz	5 readings/sec or 1 reading/3 sec	0.2 s~2 hr
Harmonics		
Power & Energy		
Unbalance		
Dips & Swells	100/120 readings/sec	0.2 s~2 hr
Inrush		
Flicker	1 min. 10min. 2 hr	
Quality Profile	3 s/1min. /10 min for volts	
	1 s/3 s/10 s for frequency	
Events	100/120 readings/sec	22~260 waveform cycles, 10s for 1/2 cycle rms trend
Transients	19 μs	

GENERAL CHARACTERISTICS

Power	Li-ion Battery 7.4V 4400mAh / DC Adapter: 85~450V 50/60Hz
Display Type	5.7 inches, 64K colors, TFT LCD (640 x 480)
Product Color	Red and Grey
Product Size	256mm x 169mm x 64mm
Product Net Weight	1.95 kg
Standard Accessories	3000 AAC Flexible Current Probe(4 pieces)5-core Test Lead Set USB Interface Cable for PC Connection Power Adapter Software CD,SD Card (8GB)
Optional Accessories	6000 AAC Flexible Current Probe(4 pieces)
Standard Individual Packing	Gift Box, English Manual, Tool Box
Standard Quantity Per Carton	1PCs
Standard Carton Measurement	465mm x 385mm x 162mm (0.029 CBM Per Standard Carton)



Intertek
UT300C



■ UT300A



■ UT300C



■ UT300S
(NEW)

SPECIFICATIONS



Specifications	UT300A	UT300C	UT300S
Model	UT300A	UT300C	UT300S
Temperature Range	-18°C~280°C 0°F~536°F	-20°C~400°C -4°F~752°F	-32°C~400°C -25.6°F~752°F
Accuracy	±2°C or ±2%	±2°C or ±2%	±2°C or ±2%
Repeatability	±0.5°C or ±0.5%	±0.5°C or ±0.5%	±0.5°C or ±0.5%
Resolution	0.1°C/0.1°F	0.1°C/0.1°F	0.1°C/0.1°F
Distance to Spot Size	10:1	12:1	12:1
Response Time	500ms	500ms	500ms
Emissivity	0.95	0.10~1.0 Adjustable	0.10~1.00 Adjustable
Laser Type	Class 2 (II)	Class 2 (II)	Class 2 (II)
Laser Power	<1mW	<1mW	<1mW
Laser Wavelength	630nm~670nm	630nm~670nm	630nm~670nm
Spectral Response	8μm~14μm	8μm~14μm	8μm~14μm
Features			
°C/°F Selection	✓	✓	✓
Laser Switch	✓	✓	✓
Display Hold(s)	8 Seconds	8 Seconds	8 Seconds
Auto Power Off	✓	✓	✓
Low Battery Indication	✓	✓	✓
MAX Mode	✓	✓	✓
MIN Mode	✓	✓	✓
High Alarm		✓	✓
Low Alarm		✓	✓
LCD Backlight	✓	✓	✓

GENERAL CHARACTERISTICS

Power	9V Battery(6F22)
LCD Size	22mm×22mm
Product Color	Red and Grey
Product Net Weight	185 g
Product Size	153mm × 108mm × 40mm
Standard Accessories	Battery
Standard Individual Packing	Blister, English Manual
Standard Quantity Per Carton	48 PCs
Standard Carton Measurement	590mm × 530mm × 360mm (0.11 CBM Per Standard Carton)
Standard Carton Gross Weight	14.8 kg



EN61326-1
EN60825-1



■ UT301A



■ UT301C

SPECIFICATIONS



Specifications	Range	
Model	UT301A	UT301C
Temperature Range	-18°C~350°C 0°F~662°F	-18°C~550°C 0°F~1022°F
Accuracy	±1.8°C or ±1.8%	±1.8°C or ±1.8%
Repeatability	±0.5°C or ±0.5%	±0.5°C or ±0.5%
Resolution	0.1°C/0.1°F	0.1°C/0.1°F
Distance to Spot Size	12:1	12:1
Response Time	250ms(95% of reading)	250ms(95% of reading)
Emissivity	0.10~1.0 Adjustable	0.10~1.0 Adjustable
Laser Type	Class 2(II)	Class 2(II)
Laser Power	<1mW	<1mW
Laser Wavelength	630nm~670nm	630nm~670nm
Spectral Response	8μm~14μm	8μm~14μm
Features		
°C/°F Selection	✓	✓
Laser Switch	✓	✓
Display Hold(s)	8 Seconds	8 Seconds
Auto Power Off	✓	✓
Low Battery Indication	✓	✓
MAX Mode	✓	✓
MIN Mode	✓	✓
DIFF Mode	✓	✓
AVG Mode	✓	✓
LCD Backlight	✓	✓
Electricity Cut-off Memory	✓	✓
Tripod Mount	✓	✓

GENERAL CHARACTERISTICS

Power	9V Battery(6F22)
LCD Size	32mm×29mm
Product Color	Red and Grey
Product Net Weight	270 g
Product Size	169mm×138mm×53mm
Standard Accessories	Battery
Standard Individual Packing	Blister, English Manual
Standard Quantity Per Carton	20 PCs
Standard Carton Measurement	605mm×360mm×468mm(0.101 CBM Per Standard Carton)
Standard Carton Gross Weight	12.3 kg



■ UT302A



■ UT302C



■ UT302D

SPECIFICATIONS



Specifications	Range		
Model	UT302A	UT302C	UT302D
Temperature Range	-32°C~450°C -26°F~842°F	-32°C~650°C -26°F~1202°F	-32°C~1050°C -26°F~1922°F
Accuracy	±1.8°C or ±1.8%	±1.8°C or ±1.8%	±1.8°C or ±1.8%
Repeatability	±0.5°C or ±0.5%	±0.5°C or ±0.5%	±0.5°C or ±0.5%
Resolution	0.1°C/0.1°F	0.1°C/0.1°F	0.1°C/0.1°F
Distance to Spot Size	20:1	20:1	20:1
Response Time	250ms(95% of reading)	250ms(95% of reading)	250ms(95% of reading)
Emissivity	0.10~1.0 Adjustable	0.10~1.0 Adjustable	0.10~1.0 Adjustable
Laser Type	Class 2(II)	Class 2(II)	Class 2(II)
Laser Power	<1mW	<1mW	<1mW
Laser Wavelength	630nm~670nm	630nm~670nm	630nm~670nm
Spectral Response	8µm~14µm	8µm~14µm	8µm~14µm
Features			
°C/°F Selection	✓	✓	✓
Laser Switch	✓	✓	✓
Display Hold(s)	8 Seconds	8 Seconds	8 Seconds
Auto Power Off	✓	✓	✓
Low Battery Indication	✓	✓	✓
MAX Mode	✓	✓	✓
MIN Mode	✓	✓	✓
DIFF Mode	✓	✓	✓
AVG Mode	✓	✓	✓
LCD Backlight	✓	✓	✓
Electricity Cut-off Memory	✓	✓	✓
Tripod Mount	✓	✓	✓

GENERAL CHARACTERISTICS

Power	9V Battery(6F22)
LCD Size	32mm×29mm
Product Color	Red and Grey
Product Net Weight	322 g
Product Size	169mm×138mm×53mm
Standard Accessories	Battery,
Standard Individual Packing	Blister, English Manual, Carrying Bag
Standard Quantity Per Carton	20 PCs
Standard Carton Measurement	605mm×360mm×468mm(0.101 CBM Per Standard Carton)
Standard Carton Gross Weight	12.4 kg



■ UT303A



■ UT303C



■ UT303D

SPECIFICATIONS



Specifications	Range		
Model	UT303A	UT303C	UT303D
Temperature Range	-32°C~650°C -26°F~1202°F	-32°C~1050°C -26°F~1922°F	-32°C~1250°C -26°F~2282°F
Accuracy	±1.8°C±1.8%	±1.8°C±1.8%	±1.8°C±1.8%
Repeatability	±0.5°C±0.5%	±0.5°C±0.5%	±0.5°C±0.5%
Resolution	0.1°C/0.1°F	0.1°C/0.1°F	0.1°C/0.1°F
Distance to Spot Size	30:1	30:1	30:1
Response Time	250ms(95%of reading)	250mS(95%ofreading)	250ms(95%ofreading)
Emissivity	0.10~1.0 Adjustable	0.10~1.0Adjustable	0.10~1.0Adjustable
Laser Type	Class 2(II)	Class 2(II)	Class 2(II)
Laser Power	<1mW	<1mW	<1mW
Laser Wavelength	630nm~670nm	630nm~670nm	630nm~670nm
Spectral Response	8µm~14µm	8µm~14µm	8µm~14µm
Features			
°C/°F Selection	✓	✓	✓
Laser Switch	✓	✓	✓
Display Hold(s)	8 Seconds	8 Seconds	8 Seconds
Auto Power Off	✓	✓	✓
Low Battery Indication	✓	✓	✓
MAX Mode	✓	✓	✓
MIN Mode	✓	✓	✓
DIFF Mode	✓	✓	✓
AVG Mode	✓	✓	✓
LCD Backlight	✓	✓	✓
Electricity Cut-off Memory	✓	✓	✓
Tripod Mount	✓	✓	✓

GENERAL CHARACTERISTICS

Power	9V Battery(6F22) or USB
LCD Size	32mm×29mm
Product Color	Red and Grey
Product Net Weight	322 g
Product Size	169mm×138mm×53mm
Standard Accessories	Battery, USB (External Power)
Standard Individual Packing	Blister, English Manual, Carrying Bag
Standard Quantity Per Carton	20 PCs
Standard Carton Measurement	605mm×360mm×468mm(0.101 CBM Per Standard Carton)
Standard Carton Gross Weight	12.3 kg



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■ UT305A



■ UT305C

SPECIFICATIONS



Specifications	Range	
Model	UT305A	UT305C
Temperature Range	-50°C~1050°C -58°F~1922°F	-50°C~1550°C -58°F~2822°F
Accuracy	±1.8°C or ±1.8%	±1.8°C or ±1.8%
Repeatability	±0.5°C or ±0.5%	±0.5°C or ±0.5%
Resolution	0.1(When<10°C:0.2)	0.1(When<10°C:0.2)
Distance to Spot Size	50:1	50:1
Response Time	250ms(95% of reading)	250ms(95% of reading)
Emissivity	0.10~1.0 Adjustable	0.10~1.0 Adjustable
Laser Type	Class 2(II)	Class 2(II)
Laser Power	<1mW	<1mW
Laser Wavelength	630nm~670nm	630nm~670nm
Spectral Response	8μm~14μm	8μm~14μm
Features		
°C/°F Selection	✓	✓
Laser Switch	✓	✓
Display Hold(s)	8 Seconds	8 Seconds
Auto Power Off	✓	✓
Low Battery Indication	✓	✓
MAX Mode	✓	✓
MIN Mode	✓	✓
DIFF Mode	✓	✓
AVG Mode	✓	✓
Data Logging	99	99
USB Interface	✓	✓
High Alarm	✓	✓
Lower Alarm	✓	✓
LCD Backlight	✓	✓
Electricity Cut-off Memory	✓	✓
Tripod Mount	✓	✓
T-C Thermocouple Measurement	✓	✓

GENERAL CHARACTERISTICS

Power	USB or 9V Battery(6F22) or Power Adaptor
LCD Size	33mm × 38mm
Product Color	Red and Grey
Product Net Weight	320 g
Product Size	183mm × 147mm × 57mm
Standard Accessories	Battery, USB Interface Cable, PC Software CD
Standard Individual Packing	Gift Box, Tool Box, English Manual
Standard Quantity Per Carton	5 PCs
Standard Carton Measurement	510mm × 375mm × 320mm (0.061 CBM Per Standard Carton)
Standard Carton Gross Weight	11 kg



■ UT309A



■ UT309C

SPECIFICATIONS



Specifications	Range	
Model	UT309A	UT309C
Temperature Range	-35°C~450°C -31°F~842°F	-35°C~650°C -31°F~1202°F
Accuracy	≥0°C: ±1.8°C or ±1.8% ≤0°C: ±/(1.8°C + 0.1°C/°C)	≥0°C: ±1.8°C or ±1.8% ≤0°C: ±/(1.8°C + 0.1°C/°C)
Repeatability	±1.0°C or ±0.8%	±1.0°C or ±0.8%
Resolution	0.1°C/0.1°F	0.1°C/0.1°F
Distance to Spot Size	10:1	12:1
Response Time	250ms(95% readable)	250ms(95% readable)
Emissivity	0.95	0.10~1.0 adjustable
No. of Laser	Single laser	Dual laser
Laser Type	Class 2(II)	Class 2(II)
Laser Power	<1mW	<1mW
Laser Wavelength	630nm~670nm	630nm~670nm
Spectral Response	8µm~14µm	8µm~14µm
Features		
°C/°F Selection	✓	✓
Laser switch (ON/OFF)	✓	✓
Display Hold (s)	8 Seconds	8 Seconds
Data Hold	✓	✓
Auto Power Off	✓	✓
Low Battery Indication	✓	✓
Lock Measurement Mode	✓	✓
MAX Mode	✓	✓
MIN Mode	✓	✓
DIFF Mode	✓	✓
AVG Mode	✓	✓
High Temperature Alarm (Red LED)	✓	✓
Low Temperature Alarm (Blue LED)	✓	✓
LCD Backlight	✓	✓
Electricity Cut-off Memory	✓	✓
IP Rating	IP65	IP65
Drop Proof	3meters	3meters
Tripod Mount	✓	✓

GENERAL CHARACTERISTICS

Power	9V Battery (6F22)
LCD Size	32mm × 29mm
Product Color	Red and Grey
Product Net Weight	292g
Product Size	189mm x 118mm x 55mm
Standard Accessories	Battery
Standard Individual Packing	Blister, English Manual
Standard Quantity Per Carton	20 PCs
Standard Carton Measurement	605mm × 360mm × 468mm(0.101 CBM Per Standard Carton)
Standard Carton Gross Weight	12 kg



■ UT311

SPECIFICATIONS

Specifications	Range	Best Accuracy	
		UT311	UT312
Model			
Vibration Meter		All in one	Split style
Acceleration(Freq.)	0.1~199.9m/s ² (10Hz ~ 1500Hz)	±(5%+2)	±(5%+2)
Velocity(Freq.)	0.1~199.9mm/s(10Hz ~ 1500Hz)	±(5%+2)	±(5%+2)
Displacement(Freq.)	1~1999um(10Hz ~ 500Hz)	±(5%+2)	±(5%+2)
Features			
Display Count		2000	2000
Auto Power Off		✓	✓
Low Battery Indication		✓	✓
Data Hold		✓	✓



■ UT312

GENERAL CHARACTERISTICS

Power	9V Alkaline Battery(6LF22)
Product Color	Red and Grey
Product Net Weight	230g(including battery)
Product Size	185mm × 68mm × 30mm
Standard Accessories	Battery
Standard Individual Packing	Gift Box, Tool Box, English Manual
Standard Quantity Per Carton	20PCs
Standard Carton Measurement	600mm × 370mm × 474mm (0.11 CBM Per Standard Carton)
Standard Carton Gross Weight	20 kg



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■ UT315

SPECIFICATIONS

DATA HOLD USB

Specifications	Range	Best Accuracy
Model		UT315
Acceleration(Freq.)	0.1~199.9m/s ² (10Hz ~ 10kHz)	±(5%+2)
Velocity(Freq.)	0.01~19.99cm/s(10Hz ~ 1kHz)	±(5%+2)
Displacement(Freq.)	0.001~1.999mm(10Hz ~ 500Hz)	±(5%+2)
Features		
Display Count		2000
Auto Power Off		✓
Low Battery Indication	≤7.0V	✓
Data Hold		✓
MAX Mode		✓
Data Storage		1999
Data Recall		✓
USB Interface		✓
LCD Backlight		✓

GENERAL CHARACTERISTICS

Power	9V Battery(6LF22)
LCD Size	57mm × 37mm
Product Color	Red and Grey
Product Net Weight	365 g
Product Size	166mm × 80mm × 30mm
Standard Accessories	Battery, USB Interface Cable, PC Software CD, Magnet Pedestal, Long Probe, Short Probe, Connection Screw.
Standard Individual Packing	Gift Box, English Manual, Carrying Bag
Standard Quantity Per Carton	20 PCs
Standard Carton Measurement	600mm × 370mm × 474mm (0.105 CBM Per Standard Carton)
Standard Carton Gross Weight	22 kg



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■ UT321



■ UT322



■ UT323



■ UT325

SPECIFICATIONS

DATA HOLD MAX MIN USB

Specifications		Range	Best Accuracy			
Model			UT321	UT322	UT323	UT325
Single or Dual Input			Single	Dual	Single	Dual
Temperature	Type K	-200°C~1372°C (-328°F~2501°F)	±(0.5%+0.8)	±(0.5%+0.8)	±(0.2%+0.6)	±(0.2%+0.6)
	Type J	-210°C~1200°C (-346°F~2192°F)	±(0.5%+0.8)	±(0.5%+0.8)	±(0.2%+0.6)	±(0.2%+0.6)
	Type T	-250°C~400°C (-418°F~752°F)	±(0.5%+0.8)	±(0.5%+0.8)	±(0.2%+0.6)	±(0.2%+0.6)
	Type E	-150°C~1000°C (-238°F~1832°F)	±(0.5%+0.8)	±(0.5%+0.8)	±(0.2%+0.6)	±(0.2%+0.6)
	Type R	0.0°C~1767°C (+32°F~3212°F)			±(0.2%+2)	±(0.2%+2)
	Type S	0.0°C~1767°C (+32°F~3212°F)			±(0.2%+2)	±(0.2%+2)
	Type N	-200°C~1300°C (-328°F~2372°F)			±(0.2%+1.5)	±(0.2%+1.5)
Resolution	0.1°C(When Value >999.9°C:1°C)	✓	✓	✓	✓	
Features						
°C/°F/K Selection			✓	✓	✓	✓
Data Hold			✓	✓	✓	✓
Auto Power Off			✓	✓	✓	✓
Low Battery Indication			✓	✓	✓	✓
MAX Mode			✓	✓	✓	✓
MIN Mode			✓	✓	✓	✓
AVG Mode			✓	✓	✓	✓
Data Storage			100	100	100	100
USB Interface			✓	✓	✓	✓
High Alarm					✓	✓
Lower Alarm					✓	✓
High/Lower Signal Output					✓	✓
LCD Backlight			✓	✓	✓	✓
Auto Calibration			✓	✓	✓	✓
Electricity Cut-off Memory			✓	✓	✓	✓

GENERAL CHARACTERISTICS

Power	USB or 9V Battery(6F22)
LCD Size	30mm × 32mm
Product Color	Red and Grey
Product Net Weight	270 g
Product Size	175mm × 85mm × 30mm
Standard Accessories	Battery,USB Interface Cable,PC Software CD,Type K Temperature Probe
Standard Individual Packing	Gift Box, English Manual
Standard Quantity Per Carton	40 PCs
Standard Carton Measurement	565mm × 405mm × 302mm (0.069 CBM Per Standard Carton)
Standard Carton Gross Weight	19.5 kg



■ UT330A



■ UT330B



■ UT330C

SPECIFICATIONS

USB

Specifications	Range	Best Accuracy			
		UT330A	UT330B	UT330C	
Model					
Temperature	Range	-40°C~80°C(-40°F~176°F)	√	√	√
	Accuracy	0°C~40°C	±0.5°C	±0.5°C	±0.5°C
		-30°C~0°C, 40°C~70°C	±1°C	±1°C	±1°C
		-40°C~30°C, 70°C~80°C	±2°C	±2°C	±2°C
Resolution	0.1°C/0.1°F	√	√	√	
Relative Humidity	Range	0%RH~100%RH		√	√
	Accuracy	20%RH~80%RH		±3%RH	±3%RH
		<20%RH or >80%RH		±5%RH	±5%RH
		Resolution	0.1%RH		√
Atmospheric Pressure	Range	750hPa~1100hPa			√
	Accuracy				±3 hPa
	Resolution	0.1hPa			√
Features					
IP67		√	√	√	
°C/°F Selection		√	√	√	
Temperature Offset Settings		√	√	√	
Humidity Offset Settings			√	√	
Pressure Offset Settings				√	
Data Logging		60000	60000	60000	
Data Recall		√	√	√	
USB Interface		√	√	√	
Auto Record Time Setup		√	√	√	
User Name Settings		√	√	√	
Alarm Threshold		√	√	√	
Start Mode Setup		√	√	√	

GENERAL CHARACTERISTICS

Power	3.6V 1/2 AA Lithium Battery(ER14250) x 1
Product Color	Grey
Product Net Weight	52g
Product Size	122mmx30mmx24mm
Standard Accessories	Battery, PC Software CD, Bracket, Screws
Standard Individual Packing	Gift Box, English Manual
Standard Quantity Per Carton	80 PCs
Standard Carton Measurement	575mm x 395mm x 250mm(0.056CBM Per Standard Carton)
Standard Carton Gross Weight	10.5 kg
Optional Accessories	Magnet Bracket (UT-B22)



■ UT331



■ UT332

SPECIFICATIONS

DATA HOLD MAX/MIN USB

Specifications	Range	Best Accuracy		
Model		UT331	UT332	
Temperature	Range	-20°C~70°C(-4°F~158°F)	√	√
	Accuracy	-20°C~0°C	±1°C	±1°C
		0°C~40°C	±0.5°C	±0.5°C
		40°C~70°C	±1°C	±1°C
Resolution	0.1°C/0.1°F	√	√	
Relative Humidity	Range	0%RH~100%RH	√	√
	Accuracy	10%RH~90%RH	±3.5%RH	±2.5%RH
		<10%RH or >90%RH	±5%RH	±5%RH
	Resolution	0.1%RH	√	√
Features				
°C/°F Selection		√	√	
Response Time	Around 10 Seconds	√	√	
Humidity Offset Settings		√	√	
Temperature Offset Settings		√	√	
Dew Point Offset Settings		√	√	
Auto Power Off		√	√	
Power Saving Mode			√	
Data Hold		√	√	
MAX/MIN		√	√	
Data Storage		100	100	
Data Recall		√	√	
USB Interface		√	√	
Auto Record Time Setup		√	√	
LCD Backlight		√	√	

GENERAL CHARACTERISTICS

Power	1.5V Batteries (LR03) × 4
LCD Size	26.5mm × 35.5 mm
Product Color	Red and Grey
Product Net Weight	130 g
Product Size	185mm × 54.8mm × 33.8mm
Standard Accessories	Batteries, USB Interface Cable, PC Software CD
Standard Individual Packing	Gift Box, English Manual
Standard Quantity Per Carton	40 PCs
Standard Carton Measurement	555mm × 430mm × 288 mm (0.069CBM Per Standard Carton)
Standard Carton Gross Weight	10 kg

UNI-T®

UT330 SERIES Mini Temperature & Humidity Meter

UT333

NEW



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■ UT333

SPECIFICATIONS

Specifications	Range
Model	UT333
Temperature Range	-10°C~60°C 14°F~140°F
Temperature Accuracy	±1.0°C ±2.0°F
Temperature Resolution	0.1°C 0.2°F
Humidity Range	0~100%RH
Humidity Accuracy	±5%RH
Humidity Resolution	0.1%RH
Sampling Rate	1/s
Features	
Data Hold	✓
Auto Power Off	5mins/ disable
Low Battery Indication	✓
MAX Mode	✓
MIN Mode	✓
LCD Backlight	✓
Power on / off	✓
Overload indication	✓
Unit selection	°C/°F

GENERAL CHARACTERISTICS

Power	1.5V Battery (AAA*3)
LCD Size	32mm × 26mm
Product Color	Red + Gray
Product Net Weight	102g
Product Size	155mm × 50mm × 28mm
Standard Accessories	Battery
Standard Individual Packing	Blister/ manual
Standard Quantity Per Carton	40pcs/carton
Standard Carton Measurement	505 × 330 × 280mm
Standard Carton Gross Weight	8.42 kg



■ UT337A

SPECIFICATIONS



Specifications	
Model	UT337A
CO Measure Range	0~1000ppm
Accuracy	±5% or 5ppm
Resolution	1ppm
Response Time	<60s (90% of reading)
Sensor Type	Electrochemical Gas Sensor (CO)
Sampling Method	Diffusion
Features	
MAX Hold	✓
Alert Value Setup	✓
Audiable Alert	✓
Visual Alert	✓
Temperature Display	✓
Sensor Self-Calibration	✓
User Calibration	✓
Display Backlight	✓
Low Battery Indication	✓
Auto Power Off	✓

GENERAL CHARACTERISTICS

Power	AAA 1.5V × 4
LCD Size	26.5mm × 35.5 mm
Product Color	Red and Grey
Product Net Weight	140 g
Product Size	197mm × 54.8mm × 33.8mm
Standard Accessories	Batteries
Standard Individual Packing	Gift Box, English Manual
Standard Quantity Per Carton	60 PCs
Standard Carton Measurement	565mm × 430mm × 235 mm (0.057 CBM Per Standard Carton)
Standard Carton Gross Weight	15.6 kg



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■ UT341



■ UT342

SPECIFICATIONS



Specifications	Range	Best Accuracy	
		UT341	UT342
Model		UT341	UT342
Iron Matrix Measurement	0µm~55µm	±3dgt	±3dgt
	56µm~1000µm	±(3.0%+1dgt)	±(3.0%+1dgt)
Aluminum Matrix Measurement	0µm~55µm		±3dgt
	56µm~1000µm		±(3.0%+1dgt)
Resolution	1µm	√	√
Features			
Maximum Display		9999	9999
Auto Power Off		√	√
Low Battery Indication		√	√
MAX/MIN		√	√
Data Storage		2000	2000
LCD Backlight		√	√
Measurement Mode	Continuous or Single Measurement	√	√
Key Mis-press Buzzer		√	√

GENERAL CHARACTERISTICS

Power	9V Battery(6LF22)
LCD Size	22mm × 22mm
Product Color	Red and Grey
Product Net Weight	144.2 g
Product Size	153mm × 110mm × 40mm
Standard Accessories	UT341-Battery, Standard Membrane Slice, Iron Matrix Slice, Carrying Bag UT342-Battery, Standard Membrane Slice, Iron Matrix Slice, Aluminum Matrix Slice, Carrying Bag
Standard Individual Packing	Gift Box, English Manual
Standard Quantity Per Carton	40 PCs
Standard Carton Measurement	620mm × 400mm × 245mm (0.061 CBM Per Standard Carton)
Standard Carton Gross Weight	13 kg



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■ UT351



■ UT352

SPECIFICATIONS



Specifications	Range	Best Accuracy	
		UT351	UT352
Model			
Range	30~80dB	± 1.5dB	± 1.5dB
	50~100dB	± 1.5dB	± 1.5dB
	60~110dB	± 1.5dB	± 1.5dB
	80~130dB	± 1.5dB	± 1.5dB
Frequency	31.5Hz~8000Hz	✓	✓
Frequency Weighting	A&C	✓	✓
Sample Rate	FAST: 8 Times/s	✓	✓
	SLOW: 1 Times/s	✓	✓
Features			
Analogue Outputs	AC:0.707Vrms full scale;Output impedance: around 600Ω	✓	✓
	DC:2Vrms full scale;10mV/dB;Output impedance: around 100Ω	✓	✓
Data Hold		✓	✓
Auto Power Off		✓	✓
Low Battery Indication	≤4.8V	✓	✓
MAX Mode		✓	✓
MIN Mode		✓	✓
Data Storage			63
High Alarm	Display "OVER"	✓	✓
Lower Alarm	Display "UNDER"	✓	✓
LCD Backlight		✓	✓
Analogue Bar Graph	30~130dB	✓	✓

GENERAL CHARACTERISTICS

Power	1.5V Batteries(LR6) × 4
LCD Size	53mm × 41 mm
Product Color	Red and Grey
Product Net Weight	330 g
Product Size	273mm × 70mm × 39 mm
Standard Accessories	Batteries,Windscreen, Leather Box
Standard Individual Packing	Gift Box, English Manual
Standard Quantity Per Carton	30 PCs
Standard Carton Measurement	670mm × 415mm × 310mm (0.086 CBM Per Standard Carton)
Standard Carton Gross Weight	23 kg

UNI-T®

UT350 SERIES Mini Sound Level Meter

UT353

NEW



EN 61326-2-2



■ UT353

SPECIFICATIONS

Specifications	Range
Model	UT353
Range	30~130dB
Accuracy	±1.5dB
Frequency response	31.5Hz~8KHz
Resolution	0.1dB
Sampling rate	fast: 125ms low: 1000ms
Weighting Curve	A type
Features	
Date Hold	✓
Auto Power Off	5mins/ disable
Low Battery Indication	✓
MAX Mode	✓
MIN Mode	✓
LCD Backlight	✓
Over-load protection	✓

GENERAL CHARACTERISTICS

Power	1.5V battery(AAA*3)
LCD Size	32mm × 26mm
Product Color	Red + Grey
Product Net Weight	116g
Product Size	150mm × 52mm × 27mm
Standard Accessories	Batteries
Standard Individual Packing	Blister, manual
Standard Quantity Per Carton	40pcs/carton
Standard Carton Measurement	505 × 330 × 280mm
Standard Carton Gross Weight	8.42 kg



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■ UT361



■ UT362

SPECIFICATIONS



Specifications	Range	Best Accuracy	
Model		UT361	UT362
Wind Speed Measurement	2m/s~10m/s 10m/s~30m/s	±(3%+0.5) ±(3%+0.8)	±(3%+0.5) ±(3%+0.8)
Wind Count Measurement (CMM)	0.001~9999 × 100	√	√
Wind Count Measurement (CFM)	0.001~9999 × 100	√	√
Temperature Measurement	0°C~40°C(32°F~104°F)	±3°C(±4°F)	±3°C(±4°F)
Features			
Maximum Display		9999	9999
Data Hold		√	√
Auto Power Off	Around 10 Minutes	√	√
Low Battery Indication	≤7.2 V	√	√
MAX Mode		√	√
MIN Mode		√	√
Data Storage		2044	2044
USB Interface			√
Auto Record Time Setup		√	√
Units Switch		√	√
LCD Backlight		√	√
Wind Speed Display	Display "VEL"	√	√
Wind Count Display	Display "FLOW"	√	√

GENERAL CHARACTERISTICS

Power	9V Alkaline Battery(6LF22)
LCD Size	57mm × 37mm
Product Color	Red and Grey
Product Net Weight	375 g
Product Size	162mm × 78mm × 30mm
Standard Accessories	UT361-Battery
	UT362-Battery,USB Interface Cable,PC Software CD
Standard Individual Packing	Gift Box, Carrying Bag ,English Manual
Standard Quantity Per Carton	40 PCs
Standard Carton Measurement	650mm × 455mm × 395mm (0.12 CBM Per Standard Carton)
Standard Carton Gross Weight	27.7 kg

UNI-T®

UT360 SERIES Mini Anemometer

UT363

NEW



EN 61326-2-2



■ UT363

SPECIFICATIONS

Specifications	Range
Model	UT363
Wind Speed Range	0~30m/s
Temperature Range	-10°C~50°C (14°F~122°F)
Beaufort Wind Scale	0~12 level
Wind Speed Accuracy	±(5%rdg+0.5)
Temperature Accuracy	±2°C (±4°F)
Beaufort Wind Scale Accuracy	±1 level (reference only)
Wind speed Resolution	0.1m/s
Temperature Resolution	0.1°C
Sampling Rate	2/s
Features	
Data Hold	✓
Auto Power Off	5mins/ disable
Low Battery Indication	✓
MAX Mode	✓
AVG Mode	✓
LCD Backlight	✓
Overload indication	✓
Wind Speed Unit Selection	m/s,km/h,ft/min,knots,mph
Temperature Unit Selection	°C/°F

GENERAL CHARACTERISTICS

Power	1.5V battery(AAA*3)
LCD Size	32mm × 26mm
Product Color	Red + Gray
Product Net Weight	118g
Product Size	160mm × 50mm × 28mm
Standard Accessories	Battery
Standard Individual Packing	Blister/ manual
Standard Quantity Per Carton	40pcs/carton
Standard Carton Measurement	505 × 330 × 280mm
Standard Carton Gross Weight	8.42 kg



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■ UT371



■ UT372

SPECIFICATIONS



Specifications	Range	Best Accuracy	
		UT371	UT372
Model		±(0.3%)	±(0.3%)
RPM Range	10RPM~99RPM	±(0.04%+2)	±(0.04%+2)
	100RPM~999RPM	±(0.04%+2)	±(0.04%+2)
	1000RPM~9999RPM	±(0.04%+2)	±(0.04%+2)
	10000RPM~99999RPM	±(0.04%+2)	±(0.04%+2)
Counts	Range:0~99999 Max.Input Frequency:10kHz, Bandwith:5%	√	√
Target Distance	50mm~200mm	√	√
Features			
Maximum Display		99999	99999
Data Hold		√	√
Auto Power Off	Around 15 Minutes	√	√
Low Battery Indication	≤4.8V	√	√
MAX Mode		√	√
MIN Mode		√	√
AVG Mode		√	√
USB Interface		√	√

GENERAL CHARACTERISTICS

Power	1.5V Alkaline Batteries(LR6) × 4
LCD Size	53mm × 41mm
Product Color	Red and Grey
Product Net Weight	100 g
Product Size	184mm × 56mm × 34mm
Standard Accessories	UT371 -Batteries,Reflecting label UT372 -Batteries,Reflecting label ,USB Interface Cable,PC Software CD
Standard Individual Packing	Blister, English Manual
Standard Quantity Per Carton	20 PCs
Standard Carton Measurement	430mm × 300mm × 365mm (0.047 CBM Per Standard Carton)
Standard Carton Gross Weight	8 kg



■ UT376

SPECIFICATIONS

Specifications	
Model	UT376
Measure Range	5~99psi; 0.35~6.85bar; 35~685kPa; 0.35~7.00kgf/cm ²
Resolution	0.5psi; 0.05bar; 5kPa; 0.05kgf/cm ²
Accuracy	±(1% + 1LSD)
Features	
Display Backlight	✓
Nozzle Indication light	✓
LED Torch	✓
Display Unit Selection	✓
Display Hold	✓
Auto Power Off	✓
Auto Power On	✓
Low Battery Indication	✓
Safety Hammer	✓
Seat Belt Cutting Blade	✓

GENERAL CHARACTERISTICS

Power	AAA 1.5V x 2
LCD Size	24mm x 32mm
Product Color	Grey
Product Net Weight	142g
Product Size	164mm x 86mm x 30mm
Standard Accessories	Battery
Standard Individual Packing	Blister, English Manual
Standard Quantity Per Carton	80PCS
Standard Carton Measurement	670mm x 540mm x 300mm
Standard Carton Gross Weight	19 kg



EN61326-1



■ UT381



■ UT382

SPECIFICATIONS

AUTO RANGE DATA HOLD MAX MIN USB

Specifications	Range	Best Accuracy	
Model		UT381	UT382
Illuminance Measurement(LUX)	20 Lux	±(3.0%+20)	±(3.0%+20)
	200 Lux	±(3.0%+8)	±(3.0%+8)
	2000 Lux	±(3.0%+8)	±(3.0%+8)
	20000 Lux	±(3.0%+8)	±(3.0%+8)
Illuminance Measurement(FC)	2 FC	✓	✓
	20 FC	✓	✓
	200 FC	✓	✓
	2000 FC	✓	✓
Features			
Display Count		2000	2000
Auto Range		✓	✓
Data Hold		✓	✓
Auto Power Off	Around 10 Minutes	✓	✓
Low Battery Indication	Around ≤7.1V	✓	✓
MAX Mode		✓	✓
MIN Mode		✓	✓
Data Storage		2044	2044
USB Interface			✓
Auto Record Time Setup		✓	✓
Real-Time Clock		✓	✓

GENERAL CHARACTERISTICS

Power	9V Alkaline Battery(6LF22)
LCD Size	22.5mm × 32.5mm
Product Color	Red and Grey
Product Net Weight	185 g
Product Size	195mm × 45mm × 26mm
Standard Accessories	UT381-Battery UT382-Battery,USB Interface Cable,PC Software CD
Standard Individual Packing	Blister, English Manual, Carrying Bag
Standard Quantity Per Carton	40 PCs
Standard Carton Measurement	600mm × 450mm × 330mm(0.089 CBM Per Standard Carton)
Standard Carton Gross Weight	14.3 kg

UNI-T®

UT380 SERIES Mini Light Meter

UT383

NEW



EN 61326-2-2



■ UT383

SPECIFICATIONS

Specifications	Range
Model	UT383
Illuminance measurement(Lux)	0~199,999Lux
Illuminance measurement(FC)	0~19,999FC
Illuminance Accuracy	±(4%rdg+8dgts) ±(5%rdg+10dgts)
Resolution	1Lux 10Lux 1FC 10FC
Sampling Rate	2/s
Features	
Data Hold	✓
Auto Power Off	5mins/ disable
Low Battery Indication	✓
MAX Mode	✓
MIN Mode	✓
LCD Backlight	✓
Overload indication	✓
Unit selection	✓

GENERAL CHARACTERISTICS

Power	1.5V battery(AAA*3)
LCD Size	32mm × 26mm
Product Color	Red + Gray
Product Net Weight	118g
Product Size	160mm × 50mm × 28mm
Standard Accessories	Battery
Standard Individual Packing	Blister/ manual
Standard Quantity Per Carton	40pcs/carton
Standard Carton Measurement	505 × 330 × 280mm
Standard Carton Gross Weight	8.42 kg



■ UT387B

SPECIFICATIONS

Specification	Range
Model	UT387B
Ferrous metals	80mm
Non-ferrous metals	80mm
Copper conductors (live)	50mm
Wood	20mm
Features	
Buzzer Indication	✓
Flashing LED light Indicator	✓
Auto Power Off	✓
Low Battery Indication	✓
Silent mode	✓
User Calibration	✓

GENERAL CHARACTERISTICS

Power	9V Battery (6F22)
Product Colour	Red and Grey
Product Net Weight	274g
Product Size	220mm x 83mm x 30mm
Standard Accessories	Carrying Bag
Standard Individual Packing	Giftbox, User Manual
Standard Quantity Per Carton	40pcs
Standard Carton Measurement	503mm x 485mm x 295mm
Standard Carton Cross Weight	16.3 kg



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■ **UT390B+**



■ **UT391+**



■ **UT392A (NEW)**



■ **UT392B (NEW)**

SPECIFICATIONS

MAX
MIN

Specifications	UT390B+	UT391+	UT392A	UT392B
Model	UT390B+	UT391+	UT392A	UT392B
Accuracy	±2mm	±2mm	±2mm	±2mm
Measuring Distance (m)	40m	60m	80m	100m
Unit	m/in/ft	m/in/ft	m/in/ft	m/in/ft
Laser Class	620-680 nm, < 1mw, Class 2 (II)			
FEATURES				
Continuous Measurement	✓			
Area/Volume Calculation	✓			
Pythagoras Theorem Calculation	✓			
Add/Subtract	✓			
Length Add/Subtract	✓			
Area Add/Subtract	✓			
Volume Add/Subtract	✓			
MAX/MIN	✓			
Automatic Calibration	✓			
Data Storage	30			
Battery Life	8000 times of measurement			
Auto Laser Off	✓			
Buzzer Indication	✓			
Battery Level Indicator	✓			
Levelling Instrument	✓			
Auto Power Off	✓			

GENERAL CHARACTERISTICS

Power	AAA 1.5V battery x 2
Product Color	Red and Gray
Product Net Weight	84g
Product Size	112mm x 50mm x 25mm
Standard Accessories	Carrying bag, Hanging cord, Battery
Standard Individual Packaging	Giftbox, English Manual
Standard Quantity Per Carton	60pcs
Standard Carton Measurement	520mm x 470mm x 345mm
Standard Carton Gross Weight	14.6 kg

NEW



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■ UT393A



■ UT393B

SPECIFICATIONS

MAX
MIN

Specifications	UT393A	UT393B
Model	UT393A	UT393B
Accuracy	±2mm	±2mm
Measuring Distance (m)	120m	150m
Unit	m/in/ft	m/in/ft
Laser Class	620-680nm, <1mw, Class 2 (II)	635nm, <1mw, Class 2 (II)
FEATURES		
Continuous Measurement	✓	
Area/Volume Calculation	✓	
Pythagoras Theorem Calculation	✓	
Add/Subtract	✓	
Length Add/Subtract	✓	
Area Add/Subtract	✓	
Volume Add/Subtract	✓	
MAX/MIN	✓	
Lofting Test	✓	
Delay Test	✓	
Extend Tail-board	✓	
Automatic Calibration	✓	
Data Storage	100	
Battery Life	8000 times of measurement	
Auto Laser Off	✓	
Buzzer Indicator	✓	
Battery Indicator	✓	
Levelling Instrument	✓	
Auto Power Off	✓	

GENERAL CHARACTERISTICS

Power	AAA 1.5V battery x 2
Product Color	Red and Gray
Product Net Weight	112g
Product Size	123mm x 50mm x 28mm
Standard Accessories	Reflector panel, Hanging cord, Battery
Standard Individual Packaging	Gift Box, English Manual, Carrying Bag
Standard Quantity Per Carton	45 PCS
Standard Carton Measurement	550mm x 415mm x 345mm
Standard Carton Gross Weight	14 kg

NEW



■ **UT395A**



■ **UT395B**



■ **UT395C**

SPECIFICATIONS

Specifications	UT395A	UT395B	UT395C
Model	UT395A	UT395B	UT395C
Accuracy	±(2.0mm+d*5/100000), 'd' is actual distance		
Range	0.05-50m	0.05-70m	0.05-100m
Minimum unit	1mm	1mm	1mm
Display units	m/in/ft	m/in/ft	m/in/ft
Laser	635nm, <1mW, Class 2 (II)		
FEATURES			
Continuous measurement	✓	✓	✓
Area/volume calculation	✓	✓	✓
Pythagorean	✓	✓	✓
Distance add/subtract	✓	✓	✓
Area add/subtract	✓	✓	✓
Volume add/subtract	✓	✓	✓
MAX/MIN	✓	✓	✓
Triangle height/angle/area	✓	✓	✓
Inclination	-90° ~ 90°	-90° ~ 90°	-90° ~ 90°
Delay measurement	✓	✓	✓
Staking-out	✓	✓	✓
Record	100	100	100
Electronic leveler	✓	✓	✓
Auto power off	100-300s	100-300s	100-300s
Auto laser off	20-120s	20-120s	20-120s
USB connector	✓	✓	✓

GENERAL CHARACTERISTICS

Power	1.2V 800mAh AAA NI-MH x 3 Batteries
Product Color	Red and Gray
Product Net Weight	84g
Product Size	126mm x 56mm x 28mm
Standard Accessories	Hanging cord, USB interface cable, reflector
Standard Individual Packaging	Gift box, carrying bag, manual, rechargeable battery
Standard Quantity Per Carton	60pcs
Standard Carton Measurement	520mm x 470mm x 345mm
Standard Carton Gross Weight	14.6 kg

NEW



■ UT396A



■ UT396B

SPECIFICATIONS

Specifications	UT396A	UT396B
Model	UT396A	UT396B
Accuracy	$\pm(2.0\text{mm}+d*5/100000)$, 'd' is actual distance	
Range	0.05~80m	0.05~120m
Minimum unit	1mm	1mm
Display units	m/in/ft	m/in/ft
Laser	635nm, <1mW, Class 2 (II)	635nm, <1mW, Class 2 (II)
FEATURES		
Camera	2MP	2MP
Continuous measurement	✓	✓
Area/volume calculation	✓	✓
Pythagorean	✓	✓
Distance add/subtract	✓	✓
Area add/subtract	✓	✓
Volume add/subtract	✓	✓
MAX/MIN	✓	✓
Triangle height/angle/area	✓	✓
Inclination	-90° ~ 90°	-90° ~ 90°
Delay measurement	✓	✓
Staking-out	✓	✓
Record	100	100
Electronic leveler	✓	✓
Auto power off	100-300s	100-300s
Auto laser off	20-120s	20-120s
USB connector	✓	✓

GENERAL CHARACTERISTICS

Power	1.2V 800mAh AAA NI-MH x 3 Batteries
Product Color	Red and Gray
Product Net Weight	84g
Product Size	126mm x 56mm x 28mm
Standard Accessories	Hanging cord, USB interface cable, reflector
Standard Individual Packaging	Gift box, carrying bag, manual, rechargeable battery
Standard Quantity Per Carton	60pcs
Standard Carton Measurement	520mm x 470mm x 345mm
Standard Carton Gross Weight	14.6 kg

UNI-T®

LR Series Laser Rangefinders

LR600 / LR800 / LR1000 / LR1200 / LR1500

NEW



SPECIFICATIONS

Specifications	LR600	LR800	LR1000	LR1200	LR1500
Model	LR600	LR800	LR1000	LR1200	LR1500
Range	4-600yd	4-800yd	4-1000yd	4-1200yd	4-1500yd
Accuracy	±1yd	±1yd	±1yd	±1yd	±1yd
Magnification	7X	7X	7X	7X	7X
Objective Caliber	25mm	25mm	25mm	25mm	25mm
Height	--	--	450yd	500yd	600yd
Angle	--	--	±60	±60	±60
Height Error	--	--	±0.5yd	±0.5yd	±0.5yd

GENERAL CHARACTERISTICS

Power	1500mAh 3.7V Li-ion, micro USB
Product Color	Red and Grey
Product Net Weight	230g
Product Size	114mm x 76mm x 48mm
Standard Accessories	Reflector panel, Hanging cord, Battery
Standard Individual Packaging	Gift Box, English Manual, Carrying Bag
Standard Quantity Per Carton	24 PCS
Standard Carton Measurement	425mm x 360mm x 310mm
Standard Carton Gross Weight	13.2 kg



SPECIFICATIONS

AUTO RANGE DATA HOLD TRUE RMS DAR PI



■ UT505A



■ UT505B

Specifications	Range	Best Accuracy		
		UT505A	UT505B	
Model				
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)	
Features				
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



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(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)	
Features					
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



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(UT511 only)



■ UT511



■ UT512



■ UT513A

SPECIFICATIONS

AUTO RANGE USB

Specifications	Range			
Model	UT511	UT512	UT513A	
Insulation Resistance(Ω)	Test Voltages	100V/250V/500V/1000V	0%~10%	
		500V/1000V/1500V/2500V		0%~20%
		500V/1000V/2500V/5000V		0%~20%
	100V	0.1M Ω ~500M Ω	\pm (3%+5)	
		0.5M Ω ~2G Ω	\pm (3%+5)	
	250V	1M Ω ~4G Ω	\pm (3%+5)	
		0.5M Ω ~5G Ω		\pm (3%+5)
	500V	0.5M Ω ~20G Ω		\pm (3%+5)
		2M Ω ~10G Ω	\pm (3%+5)	\pm (3%+5)
	1000V	1.0M Ω ~40G Ω		\pm (3%+5)
5M Ω ~20G Ω			\pm (3%+5)	
1500V	10M Ω ~100G Ω		\pm (3%+5)	
	2.5M Ω ~100G Ω		\pm (3%+5)	
2500V	5.0M Ω ~1000G Ω		\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 (Ω)	0.1 Ω ~999.9 Ω	\pm (1%+3)		
Features				
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
Model			
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	✓	✓
Features			
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
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EN 61326-1



■ UT526

SPECIFICATIONS



Specifications	Range	Best Accuracy
Model		UT526
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)	
Features		
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



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SPECIFICATIONS



■ UT527



■ UT528

Specifications	Range	Best Accuracy
Model		UT527
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)
Cord Test	Measuring Voltage(DC)	5V
	Correct Wiring	√ Cord Fault
Out with Testing	Open Circuit, Short Circuit, Reverse Polarity	× Cord Fault
	Test Voltage	AC220V
	Normal	Show "LN√, LE√, NE√"
	Off Ground	Show "LN√, LE ×, NE ×"
Out Zero Line	Show "LN ×, LE√, NE ×"	
Features		
Display Count		2000
Auto Power Off		√
Low Battery Indication		√

Specifications	Range	Best Accuracy
Model		UT528
Insulation Resistance	Test Voltages	250V/500V
	0.02MΩ~19.99MΩ	
	Test Current (R=500kΩ):	>1mA
Ground Resistance	Short-Circuit Current	<3mA
	0.00Ω~19.99Ω	
	Test Current	>200mA(R<2Ω)
Cord Test	Measuring Voltage(DC)	5V
	Correct Wiring	√ Cood
Out with Testing	Open Circuit, Short Circuit, Reverse Polarity	× Fail
	Test Voltage	AC 220V
	Normal	Show "LN√, LE√, NE√"
	Off Ground	Show "LN√, LE ×, NE ×"
	Out Zero Line	Show "LN ×, LE√, NE ×"
Leakage Test	0.10~10.5mA	
	Test Voltage	50Vrms
Measuring Frequency(AC)	50Hz	
Features		
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	
Model					
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)	
	1.00GΩ~2.00GΩ		±(5%+5)	±(5%+5)	
Short-Circuit Current	<2mA	√	√	√	
Multimeter Specifications					
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)	
Features					
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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■ UT572



SPECIFICATIONS

Specifications	Range	Best Accuracy
Model		UT572
Earth Resistance(Re)	4Ω	±(3%+15)
	40Ω	
	400Ω	
	4kΩ	±(3%+5)
	40kΩ	
Soil Resistivity(ρ)	4Ω	
	40Ω	
	400Ω	
	4kΩ	$\rho = 2 \times \pi \times L \times Re$ (Depending on the test result of Re)
	40kΩ	
Disturbance Voltage (Ust)	50V(DC test or AC test at 40Hz~500Hz)	±(3%+3)
Disturbance Frequency (Fst)	40Hz~500Hz	±(1%+2)
Features		
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



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■ UT581



■ UT582

SPECIFICATIONS

Specifications	Range	Best Accuracy		
		UT581	UT582	
Model				
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)	✓	✓	
Features				
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
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■ UT583



■ UT585



■ UT586

SPECIFICATIONS

Specifications	Range	UT583	UT585	UT586		
Model						
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)		
Features						
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



EN 61326-1



■ UT601



■ UT602



■ UT603

SPECIFICATIONS



Specifications	Range	Best Accuracy		
		UT601	UT602	UT603
Resistance(Ω)	20Ω/200Ω/2kΩ/20kΩ/200kΩ/2MΩ/20MΩ/200MΩ/2000MΩ	±(0.8%+1)		
	20Ω/200Ω/2kΩ/20kΩ/200kΩ/2MΩ/20MΩ/2000MΩ		±(0.8%+1)	
	200Ω/2kΩ/20kΩ/200kΩ/2MΩ/20MΩ			±(0.8%+1)
Capacitance (F)	200pF/2nF/20nF/200nF/2uF/20uF/200uF/2000uF	±(0.5%+10)		
	2nF/20nF/200nF/2uF/20uF/200uF/600uF			±(1%+5)
Inductance (H)	2mH/20mH/200mH/2H/20H/200H		±(2%+8)	
	2mH/20mH/200mH/2H/20H			±(2%+8)
Features				
Display Count		2000	2000	2000
Manual Range		✓	✓	✓
Diode		✓	✓	✓
Transistor		✓	✓	✓
Continuity Buzzer		✓	✓	✓
Low Battery Indication		✓	✓	✓
Data Hold			✓	

GENERAL CHARACTERISTICS

Power	9V Battery(6F22)
LCD Size	61mm × 32mm
Product Color	Red and Grey
Product Net Weight	UT601/UT602-310g,UT603-312g
Product Size	172mm × 83mm × 38mm
Standard Accessories	Battery, Test Clip,Holster
Standard Individual Packing	Gift Box, English Manual
Standard Quantity Per Carton	40 PCs
Standard Carton Measurement	645mm × 450mm × 340mm (0.099 CBM Per Standard Carton)
Standard Carton Gross Weight	19.5 kg



■ UT611



■ UT612

SPECIFICATIONS

AUTO RANGE DATA HOLD REL USB

Specifications	Range	Best Accuracy	
Model		UT611	UT612
Inductance (H)	600μH~200H 20μH~2000H	±(0.4%+2)	±(0.5%+5)
Capacitance (F)	600pF~10mF 200pF~20mF	±(0.4%+2)	±(0.5%+5)
Resistance (Ω)	60Ω~20MΩ 20Ω~200MΩ	±(0.4%+2)	±(0.3%+5)
Test Frequency (Hz)	100Hz/120Hz/1kHz/10kHz 100Hz/120Hz/1kHz/10kHz/100kHz	✓	✓
Operational Voltage	0.5Vrms 0.6Vrms	✓	✓
Test Parameters	L/C/R/DCR/Q/D/θ/ESR	✓	✓
Features			
Display Count		6000	20000
D/Q Display Count		1000	2000
D/Q Resolution	0.001	✓	✓
Auto Range		✓	✓
Real-Time Display Test Frequency		✓	✓
Measurement Mode	Series/Parallel	✓	✓
Auto Power Off		✓	✓
Low Battery Indication	≤6.8V	✓	✓
Data Hold		✓	✓
Relative Mode		✓	✓
USB Interface		✓	✓
USB Interface/PC Data Records			60000
Data Storage		1000	
LCD Backlight		✓	✓
Analogue Bar Graph		31	26
Deviation Ratio Measurement			✓
Comparsion Function		✓	✓
Calibration Function		✓	✓
Output Impedance	120Ω	✓	✓
Auto LCR Smart Check and Measurement		✓	✓

GENERAL CHARACTERISTICS

Power	9V Battery(6F22) or USB
LCD Size	40mm × 63mm
Product Color	Red and Grey
Product Net Weight	374 g
Product Size	96mm × 193mm × 47mm
Standard Accessories	Battery,SMD Test Clamp,USB Interface Cable,PC Software CD (UT612 Only) ,Multi-Purpose Socket
Standard Individual Packing	Gift Box, English Manual
Standard Quantity Per Carton	24 PCs
Standard Carton Measurement	600mm × 370mm × 474mm (0.105 CBM Per Standard Carton)
Standard Carton Gross Weight	25.4 kg
Optional Accessories	USB Power Adapter



■ UT620A



■ UT620B

SPECIFICATIONS



Specifications	Range	Best Accuracy	
Model		UT620A	UT620B
Resolution		10μΩ	1μΩ
Resistance(Ω)	120.00mΩ/5A	±(0.25%+25)	
	60.000mΩ/10A		±(0.25%+25)
	600.00mΩ/1A	±(0.25%+25)	±(0.01%+20)
	6.0000 Ω/100mA	±(0.25%+25)	±(0.01%+20)
	60.000Ω/10mA	±(0.25%+25)	±(0.01%+20)
	600.00Ω/1mA	±(0.25%+25)	±(0.1%+25)
	6.0000kΩ/100uA	±(0.75%+30)	±(0.25%+30)
Features			
LCD Counts		60000	60000
Four-Wire Measurement		✓	✓
Wire Length Measurement		✓	✓
High/Low Limit Alarm		✓	✓
Data Storage		1000	1000
USB Data Transfer		✓	✓
Manual Range		✓	✓
Display Backlight		✓	✓
Low Battery Indication		✓	✓

GENERAL CHARACTERISTICS

Power	7.4V 4000mAh Lithium Battery
LCD Size	116mm × 87.5mm
Product Color	Red and Grey
Product Net Weight	1.5 kg
Product Size	268mm × 168mm × 60mm
Standard Accessories	Kelvin Clips(Red&Black),Power Adaptor,USB Cable,Software CD
Standard Individual Packing	Gift Box, Carrying Bag, English Manual
Standard Quantity Per Carton	5 PCs
Standard Carton Measurement	390mm × 370mm × 285mm(0.041 CBM Per Standard Carton)
Standard Carton Gross Weight	11.5 kg
Optional Accessories	Four-Wire Test Probes(Red&Black)×1



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■ UT651A



■ UT651B

SPECIFICATIONS



Specifications	Range	Best Accuracy	
		UT651A	UT651B
Model			
Test Voltage	Around 3000V	✓	✓
Test Frequency	68kHz~72kHz	✓	✓
Continuity Test	0~1kΩ	✓	✓
Features			
Extended Antenna			✓
Flashlight		✓	✓
LED Alarm		✓	✓
Buzzer Alarm		✓	✓
Low Battery Indication		✓	✓
Auto Power Off		✓	✓

GENERAL CHARACTERISTICS

Power	AAA 1.5V × 4
Product Color	Red and Grey
Product Net Weight	236.5 g
Product Size	220mm × 55mm × 30mm
Standard Accessories	Batteries
Standard Individual Packing	Gift Box, English Manual
Standard Quantity Per Carton	40 PCs
Standard Carton Measurement	265mm × 240mm × 485mm (0.031 CBM Per Standard Carton)
Standard Carton Gross Weight	11 kg

UNI-T®

UT658 SERIES USB Testers

UT658

NEW



EN 61010-1
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■ UT658

SPECIFICATIONS

Specifications	Best Accuracy
Model	UT658
Input voltage range	3V - 9V
Voltage Resolution	0.01V
Voltage monitoring accuracy	±1%
Current monitoring range	0A~3A
Current monitoring accuracy	±(1%+2)
Current resolution	0.01A
Energy	0~9999mAh
Capacity data storage	10 sets of energy capacity
Display method	LCD

GENERAL CHARACTERISTICS

Product Color	White
Product Net Weight	28 g
Product Size	84mm × 29mm × 12mm
Standard Individual Packing	Blister, Insert Card
Standard Quantity Per Carton	240g
Standard Carton Measurement	500mm × 525mm × 333mm
Standard Carton Gross Weight	18.5 kg

UNI-T®

UT230B SERIES Power Socket

UT230B-EU / UT230B-US



EN 61010-1
UL 61010-1
EN 61326-1

Intertek



■ UT230B-EU



■ UT230B-US

SPECIFICATIONS

Specifications	Range	UT230B-EU	UT230B-US
Model		UT230B-EU	UT230B-US
Voltage	100.0V~260.0V	±1%	±1%
Current	0A~16.00A	±1%	
	0A~15.00A		±1%
Operating Frequency	45Hz	±1%	±1%
Power	0~3680W	±1%	±1%
Power Factor	0~1.00	±2%	±2%
Energy consumption	0~9999KWh	±1%	±1%
Feature			
Unit Price of Electricity	0.00~99.99 (\$/kWh)	✓	✓
Acumulative Time	0 minute~9999Days	✓	✓
Acumulative Charge	0~9999\$	✓	✓
CO2 Display	0~9999kg	✓	✓
Power Consumption	<0.4W	✓	✓
Overload indication	>16A	✓	
	>15A		✓

GENERAL CHARACTERISTICS

Power	3.0 V Button Battery
Product Color	White
Product Net Weight	140g
Product Size	130mm × 65mm × 59 mm
Standard Accessories	Batteries
Standard Individual Packing	Blister, English Manual
Standard Quantity Per Carton	48PCs
Standard Carton Measurement	445mm × 405mm × 395mm (0.071 CBM Per Standard Carton)
Standard Carton Gross Weight	11.7 kg

UNI-T®

UT230B SERIES Power Socket

UT230B-AU / UT230B-UK



EN 61010-1
UL 61010-1
EN 61326-1

Intertek



■ UT230B-AU



■ UT230B-UK

SPECIFICATIONS

Specifications	Range	UT230B-AU	UT230B-UK
Model		UT230B-AU	UT230B-UK
Voltage	100.0V~260.0V	±1%	±1%
Current	0A~15.00A 0A~13.00A	±1%	±1%
Operating Frequency	45Hz	±1%	±1%
Power	0~3680W	±1%	±1%
Power Factor	0~1.00	±2%	±2%
Energy consumption	0~9999KWh	±1%	±1%
Feature			
Unit Price of Electricity	0.00~99.99 (\$/kWh)	✓	✓
Acumulative Time	0 minute~9999Days	✓	✓
Acumulative Charge	0~9999\$	✓	✓
CO2 Display	0~9999kg	✓	✓
Power Consumption	<0.4W	✓	✓
Overload indication	>15A	✓	
	>13A		✓

GENERAL CHARACTERISTICS

Power	3.0V Button Battery
Product Color	White
Product Net Weight	140g
Product Size	130mm × 65mm × 59mm
Standard Accessories	Batteries
Standard Individual Packing	Blister, English Manual
Standard Quantity Per Carton	48PCs
Standard Carton Measurement	445mm × 405mm × 395mm (0.071 CBM Per Standard Carton)
Standard Carton Gross Weight	11.7 kg

UNI-T®

UT230B SERIES Power Socket

UT230B-IND

NEW



■ UT230B-IND

SPECIFICATIONS

Specifications	Range	Best Accuracy
Model		UT230B-IND
Voltage	100.0V~260.0V	±1%
Current	0A~6.00A	±1%
Operating Frequency	50Hz	±1%
Power	0~1380W	±1%
Power factor	0~1.00	±2%
Energy consumption	0~9999KWh	±1%
Feature		
Unit Price of Electricity	0.00~99.99 (\$/kWh)	✓
Cumulative Time	0 minute~9999Days	✓
Cumulative Charge	0~9999\$	✓
CO2 Display	0~9999kg	✓
Product Power Consumption	<0.4W	✓
Overload indication	>6A	✓

GENERAL CHARACTERISTICS

Power	3.0 V Button Battery
Product Color	White
Product Net Weight	140g
Product Size	130mm × 65mm × 59mm
Standard Accessories	Batteries
Standard Individual Packing	Blister, English Manual
Standard Quantity Per Carton	48PCs
Standard Carton Measurement	445mm × 405mm × 395mm (0.071 CBM Per Standard Carton)
Standard Carton Gross Weight	11.7kg

iDMM



iDMM

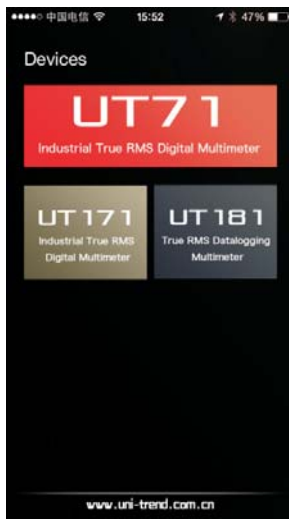
- Available to download at Apple Store and Andriod Store
- Support Andriod 4.3 or higher version
- Support iOS 5 or higher version



iOS



Android



FEATUERS

- Design to work with UT-D07A Bluetooth Adaptor
- Support UT181, UT171, and UT71 series digital multimeter
- Support list view and graphic views
- Support portrait and landscape views
- Support 3 operation modes

- 1) Real Time mode:
User can stream instant test result from the digital multimeter and view at the smart phone
- 2) Data Logging mode:
User has ability to set up different condition for logging data from digital multimeter to smartphone
- 3) Data Transfer mode:
User can upload the data stored in the internal memory of the digital multimeter to display at the smart phone

EXAMPLES

- Diagram 1: shows Real Time data stream between UT181A to iPhone 5S
- Diagram 2: shows landscape view of the iDMM app
- Diagram 3: shows graphical view of the iDMM app



①



②



③



UT-D07A

- Bluetooth Adaptor
- Bluetooth 4.0 Communication Protocol
- Support iOS 6.0 or Above
- Support Android 4.0 or Above
- Support: UT71, UT171, UT181 Series Digital Multimeters
- Power by AAA Battery × 2



UT-D04

- Infrared USB Connection Cable, applicable to data transferring for bench-type and handheld PC;
- Effective connection distance: 1500mm;
- Applicable to UT71A, UT71B, UT71C, UT71D, UT71E, etc.



UT-L57A

- Alligator-Clip Test Cable
- Length of Test Cable: 5 meters
- Safety Category: CAT III 600V 10A
- Support: UT521, UT522 Earth Ground Testers



UT-L58A

- Alligator-Clip Test Cable
- Length of Test Cable: 10 meters
- Safety Category: CAT III 600V 10A
- Support: UT521, UT522 Earth Ground Testers



UT-L59A

- Alligator-Clip Test Cable
- Length of Test Cable: 20 meters
- Safety Category: CAT III 600V 10A
- Support: UT521, UT522, UT572 Earth Ground Testers



UT-L69A

- Earth Ground Test Cable
- Length of Test Cable: 40 meters
- Safety Category: CAT III 600V 10A
- Support: UT572 Earth Ground Testers



UT-L20

- Insulated test lead
- Cable length 900mm, probe and body length 115mm;
- CAT I 1000V / CAT II 600V 10A
- For UT33, UT58, UT201 series



UT-L25

- Double insulation test lead with removable cap
- Cable length 900mm, probe and body length 115mm;
- CAT III 1000V / CAT IV 600V 10A
- For UT132/UT139/UT213/UT216 series



UT-L26

- UL 16AWG double insulation test lead with removable cap
- Cable length 900mm, probe and body length 136mm
- CAT III 1000V / CAT IV 600V 20A
- For UT171 and UT181 series



UT-L27

- UL 18AWG double insulation test lead with
- Removable cap with screw tip to connect with alligator clips
- Cable length 900mm, probe and body length 130mm
- CAT III 1000V / CAT IV 600V 10A
- For UT71 and UT800 series



UT-L28

- UL 18AWG double insulation test lead with removable cap
- Cable length 900mm, probe and body length 130mm
- CAT III 1000V / CAT IV 600V 10A
- For UT171 and UT181 series



UT-C12

- Specifications: Length 53mm, opening 6mm
- Applications: UT105, UT106, UT108, UT109, UT71 series
- Amount: 1pair



UT-C02A

- Insulated alligator clips with banana jack
- Length 80mm, clip opening 36mm
- CAT III 1000V/ CAT IV 600V



UT-C02B

- Insulated alligator clips with M4 screw connection
- Length 80mm, clip opening 36mm
- CAT III 1000V/ CAT IV 600V



UT-C04A

- Insulated alligator clips with banana jack
- Length 75mm, clip opening 27mm
- CAT III 1000V/ CAT IV 600V



UT-C07

- Extendable Probe makes measurement more convenient;
- Standard banana interface could connect to multiple types of test lead adapters;
- CAT III 1000V, CAT IV 600 V 5A



UT-S01B

- Multi-purpose socket
- Transistor and k-type inputs to banana output
- For UT139C, UT213C, UT216C/D



UT-S02B

- Multi-purpose socket
- Transistor and k-type inputs to banana output
- For UT61 and UT800 series



UT-L34

- Combinations: combined with 1PCS green, 1PCS black and 1PCS red alligator clip test leads
- Material: Double insulated UL authenticated material
- Total length: 1500 ±20mm
- Safety level: CAT III 1000V/CAT IV 600V 10A
- Applications : UT510 series
- Amount: 1 set



UT-L36

- Material: 18AWG UL authenticated material
- Length: 1100mm
- Safety level: CAT III 1000V/CAT IV 600V
- Applications: For any electrical testers
- Amount: 1PCS



UT-D09

- Wire length: 1m
- Features: USB interface, two-way transmission
- Suitable products: UT171 series, UT181A, UT243
- Amount: 1PCS



UT-D10

- Wire length: 1m
- Features: USB interface, two-way transmission
- Suitable products: UT81B, UT81C
- Amount: 1PCS



UT-P30

- Bandwidth: 100MHz
- Attenuation ratio: 100:1/10:1
- Input differential voltage: ±800Vpp
- Applications: used for all UTD and UPO series oscilloscope
- Amount: 1PCS



UT-P40

- Range: 50mV/A, 5mV/A
- Current range: 0.4A~60A
- Frequency range: DC~100kHz
- Maximum working voltage: 600Vrms
- Applications: used for all UTD and UPO series oscilloscope
- Amount: 1PCS



UT-L01

- Length: 450mm, Probe Length:5mm
- Safety Level: CAT III 1000V
- Application: SMT components measurement, universal test leads
- Amount: 1PCS



UT-L02

- Length: 1000mm, Clip opening:3mm
- Safety level: CAT II 600V 2A
- Application: BNC connector for instrument inputs
- Amount: 1PCS



UT-L17

- Leads length: 1000mm
- Tip length: 16mm
- Safety level: CAT II 1000V 10A
- Features and application: Controllable LED light source
- Amount: 1PCS



UT-L31

- Line length: 1300mm
- Tip length: 18.5mm
- Safety level: CAT III 1000V/CAT IV 600V 10A
- Features and application: rod with switch, removable tip shield sleeve, Use for UT590 series, and UT505 series.
- Amount: 1PCS



UT-L40

- Leads length:450mm,probe length:5mm
- Temperature condition: -10°C~40°C
- Safety level: CAT II 1000V 2A
- Features and application: used to SMT components, for UT611/UT612
- Amount: 1PCS



UT-L41

- Core:19/20
- Length:110-130mm
- Features and application: full protection cross input terminal, used for UT70A, UT70B, UT71 series, UT801/UT802
- Amount:1pair



UT-T01

- Flat Plug Input, applicable to regular temperature measurement;
- Teflon coating insulation;
- Not applicable for liquid measurement;
- Accuracy: $\pm 0.75\%$
- Range: $-40^{\circ}\text{C} \sim 260^{\circ}\text{C} (-40^{\circ}\text{F} \sim 500^{\circ}\text{F})$



UT-T03

- For liquid and gel temperature measurement;
- Entire probe covered with metal coating for protection;
- Probe length: 180mm, Lead wire length: 1000mm;
- Range: $50^{\circ}\text{C} \sim 500^{\circ}\text{C} (-50^{\circ}\text{F} \sim 1112^{\circ}\text{F})$



UT-T04

- For food temperature measurement;
- Also for liquid and gel temperature measurement;
- Entire probe covered with metal coating protection;
- Probe length: 180mm, Lead wire length: 1000mm;
- Range: $-50^{\circ}\text{C} \sim 600^{\circ}\text{C} (-50^{\circ}\text{F} \sim 1112^{\circ}\text{F})$



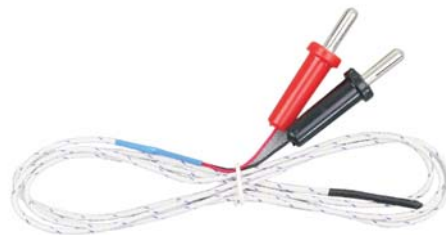
UT-T05

- For air or gas temperature measurement;
- Thermocouple protected with stainless steel gas adjustment holes;
- Not applicable for liquid measurement;
- Probe length: 156mm, Lead wire length: 1000mm;
- Range: $-50^{\circ}\text{C} \sim 900^{\circ}\text{C} (-50^{\circ}\text{F} \sim 1652^{\circ}\text{F})$



UT-T09K

- k-type temperature probe with banana connection
- Accuracy: $\pm 0.75\%$
- Range: $-40^{\circ}\text{C} \sim 260^{\circ}\text{C} (-40^{\circ}\text{F} \sim 500^{\circ}\text{F})$
- For UT139C/UT213C, UT216C/D



UT-T10K

- k-type temperature probe with banana connection
- Accuracy: $\pm 0.75\%$
- Range: $-40^{\circ}\text{C} \sim 260^{\circ}\text{C} (-40^{\circ}\text{F} \sim 500^{\circ}\text{F})$



UT-H05

- Passive Probe (1:1/10:1)
- Bandwidth 200MHz
- Input Resistance 1x:1MΩ±2%, 10x:10MΩ±2%
- Input Capacitance 1x:85pF~115pF, 10x:18.5pF~22.5pF
- Compensation Range 15pF~30pF
- Operating Voltage 1x:300Vp-p, 10x:600Vp-p



UT-V23

- Passive Probe (100:1)
- Bandwidth 100MHz
- Input Resistance 100MΩ±2%
- Input Capacitance 4pF~6pF
- Compensation Range 10pF~35pF
- Operating Voltage 2000V DC+ACpk



UT-M03

- C/V Converter(4mA/40mA/400mA)
- Max input current 4mA range:10mA; 40mA range:100mA; 400mA range:1A



UT-U01

- Logic Analyser Probe(16 Channels)
- Bandwidth 20MHz
- Max input voltage: ±40Vpk
- Min voltage slew: 1.2Vpp



UT-M04

- C/V Converter(4A)
- Max input current:10A



UT-M07

- C/V Converter(10A)
- Max input current:10A
- For UTD1000L Series Only

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