

Electrical Testing Tools

Covering RCD testers, high-voltage ammeters, and battery internal resistance testers, etc., these tools ensure electrical safety and performance. They enable precise diagnostics, compliance checks, and fault prevention, serving utilities, manufacturing, and maintenance.



UT731 Milliamp Process Clamp Meter



The UT731 Milliampere Process Clamp Meter is designed for gauging the transmitter signals of process industry equipment and distributed control systems, which are commonly set at 4-20mA. This measurement facilitates the alignment of process variables with their real-world physical counterparts. Utilizing the UT731, diagnostics and maintenance of the loop signals can be executed seamlessly without the necessity of breaking the circuit or halting the system.

Product Highlights:

- ◆ 4 digits LCD display
- ◆ Earth resistance measurement
- ◆ Current measurement
- ◆ Strong anti-interference
- ◆ APO & Low battery indication



Specifications

Manual language	EN, FR, DE, IT, ES, SV, PL, CZ	
Current(mA) range (DC; with clamp)	0mA~20.99mA	0.2%+5
	21mA~100mA	1%+5
4 to 20mA signal	0%~100%	
Data storage	9999	
PC/BT AP	App	
Flashlight	√	
Jaw size	6mm	
IP rating	IP40	
Overvoltage category		
Product dimension (meter)	151 x 78 x 44mm	
Product dimension (clamp)	119 x 42 x 20mm	



*Product is preliminary and subject to change pending final release information.

UT281 SERIES

10000A Flex Clamp



The UT281 series True RMS Flexible Clamp Meters are high-precision, multi-functional electrical measuring instruments. Boasting a current measurement range of up to 10,000A, they are equipped with a 1.1-meter-long flexible coil. These meters find extensive application across diverse fields including smelting, communications, manufacturing, petroleum, power, electrical engineering, and photovoltaic stations.

Product Highlights:

- ◆ Audible & Visible alarm
- ◆ Low current measurement
- ◆ Overload protection
- ◆ Auto power off



UT281E+



UT281F

CAT III 1000V CAT IV 600V
True RMS Bluetooth (UT281F only)



Specification	UT281E+		UT281F	
	Range & Resolution	Accuracy	Range & Resolution	Accuracy
DC Voltage	6.000V; 0.001V	±(0.8%+2)	6.000V; 0.001V	±(0.8%+2)
	60.00V; 0.01V		60.00V; 0.01V	
	600.0V; 0.1V		600.0V; 0.1V	
	1000V; 1V		1000V; 1V	
AC Voltage (Frequency response: 50Hz~500Hz)	6.000V; 0.001V	±(1.0%+3)	6.000V; 0.001V	±(1.2%+3)
	60.00V; 0.01V		60.00V; 0.01V	
	600.0V; 0.1V		600.0V; 0.1V	
	1000V; 1V		1000V; 1V	
ACV/DCV Auto identification			50Hz~500Hz	±(1.2%+3)
AC Current (Frequency response: 45Hz~500Hz)	9.99A; 0.01A	±(2.0%+5)	100mA; 1mA	±(2.0%+5)
	99.9A; 0.1A		1000mA; 1mA	
	999A; 1A		10.00A; 0.01A	
	9.99kA; 0.01kA		100.0A; 0.1A	
Frequency (ACA)	10.0Hz~1000Hz; 0.1	±(0.5%+3)	45Hz~1000Hz; 0.1	±(0.5%+3)
Frequency (ACV)	10.0Hz~30.0kHz; 0.1	±(0.5%+3)	10.0Hz~30.0kHz; 0.1	±(0.5%+3)
INRUSH Current	100.0A; 0.1A	±10.0%	100.0A; 0.1A	±(3.5%+5)
	6000A; 1A		1000A; 1A	
Resistance	600.0Ω; 0.1Ω	±(1.0%+5)	600.0Ω; 0.1Ω	±(1.0%+5)
	6.000kΩ; 0.001kΩ		6.000kΩ; 0.001kΩ	
	60.00kΩ; 0.01kΩ		60.00kΩ; 0.01kΩ	
	600.0kΩ; 0.1kΩ		600.0kΩ; 0.1kΩ	
	6.000MΩ; 0.001MΩ		6.000MΩ; 0.001MΩ	
Active power			60.00MΩ; 0.01MΩ	±(2.5%+5)
Apparent power			60.00MΩ; 0.01MΩ	±(3%+5)
Reactive power			3600kW	±(3.5%+5)
Electrical energy			3600 kVA	±(3.5%+5)
Power factor			3600kVAR	±(3.5%+5)
Phase angle			0.0Wh~3600kWh; 0.01	±(3.5%+5)
Features				
True RMS	√			
Display count	6000			
Data storage	999 sets		1050 sets	
Data	Data hold; Data review & Data delete.			
Display	LCD with backlight			
Coil length	1100mm			
High voltage OL alarm	√ (ACV/DCV)			
Continuity test	√			
Over range alarm	√			
Operating environment	Operating Temperature: 0°C~40°C Storage Temperature: -10°C~50°C			
Safety rating	CAT III 1000V, CAT IV 600V			
Power supply	3x 1.5V AAA			

UT255 SERIES

High Voltage Clamp Ammeters

UT255 series high voltage clamp ammeters can measure up to 69kV high voltage line current and leakage current. UT255 comes with an insulation rod, allowing professional users to check the status of lightning arresters. Its clamp can be easily removed from the wire by pressing or pulling back the insulation rod.

Product Highlights:

- ◆ 2 times/s sampling rate
- ◆ Large current test: in high voltage system
- ◆ Retractable insulating rod
- ◆ Remote test within 30m (wireless: UT255B)
- ◆ Removable clamp CT

Specifications	Range	UT255A	UT255B
Current (A)	0.01mA~100A	±(1%+5)	±(1%+5)
	100A~600A	±(2%+5)	±(2%+5)
Voltage (Freq.)	0V~69kV (50Hz/60Hz)	√	√
Leakage current measurement		√	√
Display mode	4 digits LCD	√	√
Jaw opening		33mm	33mm
Wireless transmission	≤30m		√
Data storage		99	99
Overtoltage category	CAT III 600V		

Characteristics

Standard accessories	Batteries, insulation rod, receiver (UT255B), English manual
Power	1.5V Battery (LR03) x 4
Display	47 x 28.5mm
Product size	68 x 245 x 40mm
Product net weight	335g
Standard individual packing	Gift box, tool box
Standard quantity per carton	1pc
Standard carton measurement	1040 x 240 x 140mm
Standard carton gross weight	6.8kg



UT255A



UT255B

CAT III 600V



UT255C

Wireless Large Current Fork Meter

The UT255C Large Current Fork Meter is specifically designed and manufactured to measure high-voltage current (AC 0.00A~9999A). Its innovative U-shaped clamp, which features a breakthrough in the conventional structure, makes on-site measurement effortless. It is widely used in various settings, including substations, power plants, industrial and mining enterprises, detection stations, and so on.

Product Highlights:

- ◆ U-shaped fork (easy operation)
- ◆ Wireless transmission (up to 100m)
- ◆ Large current measurement (up to 9999A)
- ◆ Large Jaw size (up to $\phi 68\text{mm}$)
- ◆ Retractable insulation rod (up to 3.6m)
- ◆ Data storage

Specifications

Function	1, Measure high-voltage AC current; 2, Measure low-voltage AC current; 3, On-line AC current monitoring.
Current measurement range	0.00A~9999A (50/60Hz, automatic); 0.01A (resolution); $\pm 2\% \pm 5\text{dgt}$
Conductor voltage range	60KV (Object: bare conductor; insulation rod extended)
Voltage class of insulation rod	110KV
Power supply	DC6V alkaline dry battery (1.5V AAA x 4)
Testing mode	Non-contact U-shaped CT
Transfer mode	433MHz wireless transfer; Transfer distance: 100m.
Sampling rate	2 times/s
Screen	4-digit LCD display (with backlight); 47mm x 28.5mm
Auto range	v
Data storage	99 set
Overload indication	The symbol "OL A" appears.
No signal indication	The symbol "no- -" is displayed dynamically
Auto power off	Around 15 minutes
Low battery indication	YES
Insulation rod voltage level	110KV
Insulation rod size	1, $\phi 45\text{mm}$, 2, Length: 850mm (retracted); 3600mm (extended)
Product dimension	1, Meter: 107 x 252 x 31mm (W x H x L); 2, Receiver: 78 x 165 x 42mm 3, CT size: $\phi 68\text{mm}$
Product weight	Detector: 235g (including battery); Receiver: 280g (including battery); Total weight: 2300g (including hot stick and battery)
Working environment	$-10^{\circ}\text{C} \sim 40^{\circ}\text{C}$; $\leq 80\% \text{Rh}$
Interference	Avoid interference from co-channel signal of 315MHz and 433MHz
Dielectric strength	AC 220kV/rms (between both ends of fully-extended hot stick)
Structure	Anti-dripping type II
Accessories	1pcs Meter; 1pcs receiver; 1pcs antenna; 1pcs insulation rod; 1.5V AAA x 4pcs; 1pcs tool box



U Fork design **wireless transmit**



UT255E

Wireless High Low Voltage Hook Ammeter

UT255E is designed to test the leakage current, current, frequency, and load in bare conductors, bus bars up to 35kV, or cables with safety insulation sheaths up to 110kV. It can be easily hung onto the line for testing and is particularly suitable for detecting transformer loads and inspecting the leakage currents of multi-core, thick cables, whether they are underground or outdoors.

Product Highlights:

- ◆ High AC current test: up to 20KA
- ◆ Suitable for high voltage system
- ◆ Large diameter hook type CT
- ◆ 10 hours continues working
- ◆ Fast sampling rae: 2 times/s
- ◆ Stretched insulation rod: 5m

Specifications

AC current (Auto range)	0~99.9A; 10mA; $\pm 2\% \pm 5\text{dgt}$ 100A~6000A; 10mA; $\pm 3\% \pm 5\text{dgt}$ 6.00kA~20.0kA; 10mA; $\pm 4\% \pm 5\text{dgt}$
Frequency	45Hz~75Hz; 0.1Hz; $\pm 1\text{Hz}$ (50/60Hz, auto)
Function	1, High/low voltage leakage current, current and frequency measurement; 2, Grounding current test of the iron core, transformer load; 3, Leakage current test of multicore cable.
Testing method	Hang the hook-type CT onto the line for testing
Transmission mode	433MHz wireless transmission
Phase detecting distance	About 150m (Straight-line distance)
On-line voltage	Bare conductor: <35kV Sheath-insulated cable: <110kV
Large diameter hook	Measurable wire & cable: Max. $\phi 168\text{mm}$ Measurable busbar: $\phi 168 \times 245\text{mm}$
Sample rate	2 times/sec
Screen	3.5 inch true color LCD; Backlight brightness adjustable
Position error	Area A: No position error; Area B: Increase by about 0.2%; Area C: Increase by about 2%;
Data storage	9999 set
Overrange indication	"OL A" is displayed
No signal indication	The symbol "----" is displayed dynamically
Power	Lithium battery (with USB charging port) About 10 hours working time;
Insulation rod size	Stretched length: about 5m Retracted length: about 1m
Signal Interference	No 433MHz co-channel signal interference
Structural design	Anti-drip type II



Data storage **Hook type CT**



UT261 SERIES

Phase Sequence and Motor Rotation Indicators

The UT261 series are used to detect the 3-phase power phase sequence, indicating missing phases, and assessing motor phase rotation (UT261B). They are composed of durable devices that can withstand impacts from a height of 2 meters, which are ideal tools for the electrical engineers.

Product Highlights:

- ◆ Portable & compact design
- ◆ Motor & Phase detection (UT261B)
- ◆ Safety alligator clip test lead

Specifications	UT261A	UT261B
Applied for AC voltage (V)	40V~690V	90V~600V
Applied for Frequency (Hz)	15Hz~400Hz	15Hz~400Hz
Working current (A)	<1mA	<3mA
Phase sequence indication	LCD	LED
Missing phase indication	LCD	LED
Motor rotation indication		LED
Overtoltage category	CAT III 600V	

Characteristics	
Standard accessories	Battery (UT261B), test lead with alligator clip x 3, English manual
Power	UT261A: No battery required; UT261B: 9V battery (6F22)
Product size	123 x 71 x 29mm
Product net weight	UT261A: 160g; UT261B: 180g
Standard individual packing	Gift box, carrying bag
Standard quantity per carton	20pcs
Standard carton measurement	450 x 325 x 340mm
Standard carton gross weight	UT261A: 9.8kg; UT261B: 10.3kg



UT261A



UT261B

CAT III 600V



UT262E

Non-Contact Phase Detector

The UT262E is a clamp-style non-contact phase detector designed to prevent electrical shock to operators. It can be utilized for live wire detection, basic electrical inspections, phase identification, and identifying missing phases, and {locating} circuit breakers. It serves as an ideal tool for phase sequence detection, motor installation, and wire maintenance.

Product Highlights:

- ◆ Portable & compact design
- ◆ Non-contact detection
- ◆ Multi-functions all in one
- ◆ Safety alligator clip test lead
- ◆ Audible & Visible alarm



Models	UT262E
Function/Application	Phase detection, live wire examination, power inspection, phase loss judgment, breakpoints finding, breakpoints positioning.
Measurement method	Non-contact detection
Applied for AC voltage (V)	70~1000VAC (Three phase)
Applied for Frequency (Hz)	45Hz~66Hz
Operating temperature	0°C~50°C
Storage temperature	-20°C~60°C
Operating humidity	<85% (Non condensing)
Button life	10000 cycles
Insulation intensity	3.7kVrms
Buzzer level	65~70dB
IP rating	IP52
Overtoltage category	CAT III 1000V, CAT IV 600V



Phase detection/sequence and LED status								
Test status	LED indication status						LED status	Buzzer
	Power on indication	R/A	S/B	T/C	Positive phase R	Reverse phase L		
Positive phase	●	●	●	●	●	○	Always ON	2Hz
Reverse phase	●	●	●	●	○	●	Always ON	12Hz
No phase change (two clamps on same wire)	●	●	●	●	○	○	Flashing	(Abnormality indication)
A phase missing	●	○	●	●	○	○	Always ON	
B phase missing	●	●	○	●	○	○	Always ON	
C phase missing	●	●	●	○	○	○	Always ON	
A and B phase missing	●	○	○	●	○	○	Always ON	
B and C phase missing	●	●	○	○	○	○	Always ON	
A and C phase missing	●	○	●	○	○	○	Always ON	

UT526

Multifunction Electrical Meter

UT526 is a versatile electrical installation tester capable of testing insulation resistance, RCD status, low resistance continuity, and voltage. It is also suitable for assessing power distribution systems, lightning protection systems, and wiring to ensure safe operations.



UT526

CAT III 600V



Product Highlights:

- ◆ Multifunctions all in one
- ◆ IR testing (output voltage: 1000V)
- ◆ RCD test: single phase (220ACA system)
- ◆ AC/DC voltage test: 400V
- ◆ Phase sequence test

Specifications	Range	UT526
Test voltages	Insulation resistance (Ω)	
250V	0.05MΩ~200MΩ	±(5%+5)
500V	0.05MΩ~300MΩ	±(5%+5)
1000V	0.05MΩ~500MΩ	±(5%+5)
Load current	1mA	±10%
Short circuit current	<2mA	✓
RCD		
Operating voltage (Freq.)	220V (45Hz~65Hz)	±10%
Test current	10mA/30mA/100mA/300mA	0~20%
Trip time	0ms~2000ms (10mA)	±(5%+2)
	0ms~500ms (30mA)	±(5%+2)
	0ms~300ms (100mA, 300mA)	±(5%+2)
Low resistance continuity	Range: 0Ω~2000Ω	±(2%+5)
	Test voltage: around 5V Test current: >200mA (R<2Ω)	✓ ✓
AC/DC Voltage measurement	0~440V	±(5%+2)
Frequency measurement	20~100Hz (for reference only)	✓
Display count		10000
Manual range		✓
Phase switch (RCD)	0° and 180°	✓
Low battery indication		✓
Auto AC voltage identification		✓
Auto DC voltage identification		✓
Red warning lights		✓
Overvoltage category	CAT III 600V	

Characteristics	
Standard accessories	Batteries, carrying bag, elastic strap, test leads, alligator clips, test line, English manual
Power	1.5V battery (LR6) x 6
Display	71 x 34mm
Product size	160 x 100 x 71mm
Product net weight	380g
Standard individual packing	Gift box
Standard quantity per carton	10pcs
Standard carton measurement	445 x 440 x 180mm
Standard carton gross weight	12.8kg

UT582+

Digital RCD (ELCB) Tester



UT582+ is primarily used to verify if the RCD in the circuit can be activated normally. It is designed for single-phase circuits with a operating voltage range of 195V to 253V. The voltage test range is 30V to 600V, and the frequency test range is 45Hz to 65Hz.

Product Highlights:

- ◆ Portable & Compact design
- ◆ Disconnect & Mis-operation alarm
- ◆ Protect fuses for safety operation
- ◆ Auto ramp measurement
- ◆ Data hold & APO



UT582+

CAT III 600V

Range setting	Rated operating current	Trip time	Accuracy
X 1/2	10mA/20mA/30mA/100mA/300mA/500mA	2000ms	-10%~0%
X 1	10mA/20mA/30mA/100mA/300mA	1000ms	0%~10%
	500mA	300ms	0%~10%
X 5	10mA/20mA/30mA	40ms	0%~10%
Auto ramp	10mA/20mA/30mA/100mA/300mA/500mA	300ms	-10%~10%
Trip time accuracy	±(2%+2)		
Operating voltage (Freq.)	195V~253V		
Voltage measurement			
Voltage range	30~600V		
Frequency	45Hz~65Hz		
Resolution	1V		
Accuracy	±(3%+3)		
Display count	1000		
Low battery indication	<7.2V		
APO auto power off	✓		
Phase angle selection	0° and 180°		
Connections check	Simultaneously test the trip time and trip current		
Compliance standards	IEC 61010-1, IEC 61010-2-030, IEC 61010-2-033, IEC 61557-1:2007; IEC 61557-6:2007, EN61326-1, EN61326-2-2		
Lead sequence check	LCD		
Overvoltage category	CAT III 600V		

Characteristics	
Standard accessories	Test leads, elastic strap, English manual
Power	1.5V battery (LR6) x 6
Display	71 x 34mm
Product size	160 x 100 x 71mm
Product net weight	400g
Standard individual packing	Gift box, carrying bag
Standard quantity per carton	5pcs
Standard carton measurement	425 x 280 x 180mm
Standard carton gross weight	4.9kg

UT586+

Digital RCD (ELCB) Tester



The UT586+ is an instrument crafted for verifying the functionality of single-phase and three-phase electrical leakage protection devices. It is equipped with capabilities to measure fault triggering times and the currents that initiate tripping. Adhering to the CAT III 600V safety rating, it finds broad application across residential, educational, power, manufacturing, metallurgical, and chemical sectors.

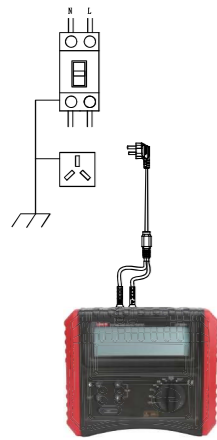


IP54 **CAT III 300V**

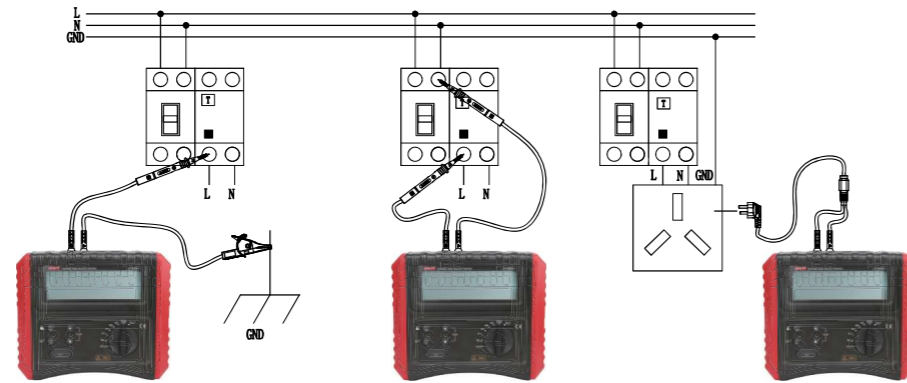
Product Highlights:

- ◆ Suited for single/three phase electrical system
- ◆ Triggle time & triggle current measurement
- ◆ Auto RAMP & Manual RAMP
- ◆ Line voltage & phase voltage measurement

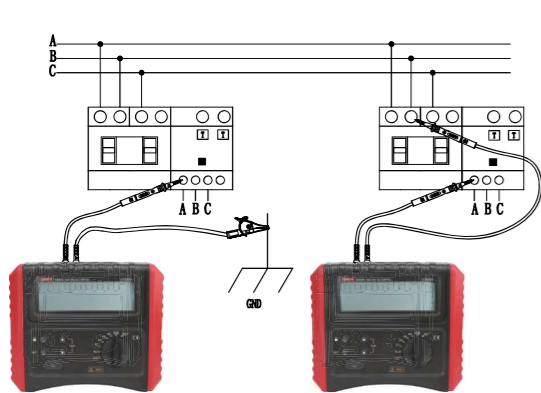
RCD tester connection methods



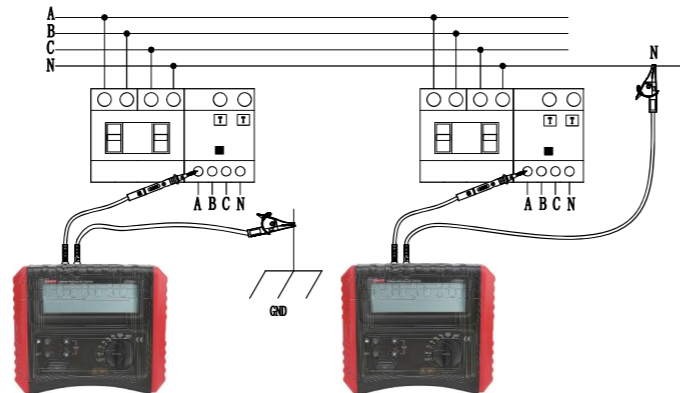
single phase socket RCD test



single phase 2-wire RCD test



3-phase 3-wire RCD test



3-phase 4-wire RCD test

Specification					
RCD test function	X1/2	10/20/30/100/300/500mA/1000mA	0~2000mS @ 0°/180°	-10%~0%"	±0.6%rdg±4dgt
	X1	10/20/30/100/300mA	0~2000mS @ 0°/180°	0%~+10%	±0.6%rdg±4dgt
		500mA/1000mA	0~200mS @ 0°/180°	0%~+10%	±0.6%rdg±4dgt
	X2	10/20/30/100/200/300/500mA	0~200mS @ 0°/180°	0%~+10%	±0.6%rdg±4dgt
	X5	10/20/30/100/200mA	0~200mS @ 0°/180°	0%~+10%	±0.6%rdg±4dgt
	AUTO	10/20/30/100/300/500mA/1000mA	300ms @ 15 0°/180°	-10%~+10%	±0.6%rdg±4dgt
Manual	10/20/30/100/300/500mA/1000mA	300ms @ 0°/180°	-10%~+10%	±0.6%rdg±4dgt	
Working voltage	50/60Hz	100V~440V (Note: If > 450V, it will issue an alarm and stop the RCD test)			-15%~+10%
	Voltage range	30~480V (Resolution: 1V)	45~65Hz	±3%rdg±3dgt	
Voltage test	L-PE	yes, display the L-PE input voltage; range: 30V~480V; No input and low voltage: "0V"; if less than 30V: <30V; if more than 480V: >480V			
	Frequency	yes, display the L-PE input frequency; when it is "volts", press "VOLT/FREQ" key to switch "Voltage/Frequency"			
Wiring check	If there is no wiring, an abnormal power supply, or no electricity flowing, the LCD will display "L-PE" and flash.				
Phase angle selection	You can choose to initiate the test from the positive (0°) or the negative (180°) half-cycle. Press the "0°/180°" button to toggle phase.				
Lock test	With the power disconnected, press and hold the "0°/180°" button to activate the lock test function. Simply connect the test leads correctly to the test points, and the test will run automatically.				
AUTO RAMP test	You can test the trip action current and action time simultaneously.				
RCD test exceeds limit prompt	When the trip action time exceeds the maximum test duration and trips.				
Over-temperature detection	If the internal components of the device become too hot, the LCD will display an over-temperature symbol, and the device will automatically disable RCD testing.				
Backlight	Yes, can be turn on/off				
Low battery indication	Yes				
Auto power off	After 5 minutes of no operation, it will automatically shut down.				
Working environment	0°C~40°C				
Storage environment	-20°C~70°C				
Power	8 x 1.5V AA				
Polution level	2				
Safety rating	IEC61010-031; IEC61557-1,6; CAT III 600V				

Characteristics	
Product color	Red + gray
Product weight	725g
Product dimension	161 x 117 x 68mm
Standard accessories	User manual 1pcs; Test lead 1 set (red/green); Alligator clips 2pcs (red/green); Test probe 2pcs (red/green); 1.5V AA x 8pcs; Test lead to EU plug 1pcs
Standard package	Carton box: 4pcs
Package dimension	585 x 380 x 335mm

UT600 SERIES

Inductance Capacitance Meters

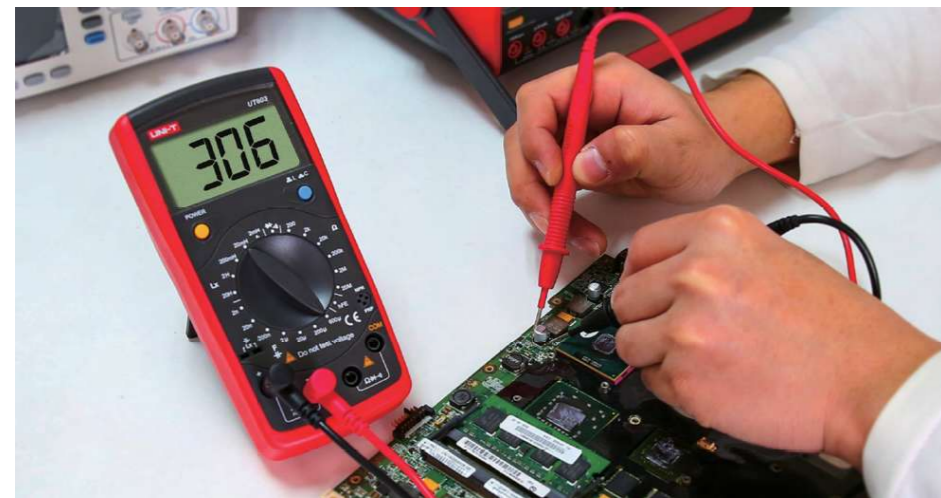
The UT600 series of digital inductance and capacitance meters are designed to test resistors, capacitors, and inductors, as well as to measure transistor parameters. These versatile meters are suitable for inspecting electronic components in various settings, including laboratories, production lines, maintenance workshops, and educational institutions.

Product Highlights:

- ◆ Resistance & Capacitance test
- ◆ Inductance test (2mH to 20H; UT603)
- ◆ Multi-functions all in one
- ◆ Continuity & Diode test
- ◆ Low battery indication
- ◆ Manual range

Specifications	Range	UT601	UT603
Resistance (Ω)	20Ω/200Ω/2kΩ/20kΩ/200kΩ/2MΩ/20MΩ/200MΩ/2000MΩ 200Ω/2kΩ/20kΩ/200kΩ/2MΩ/20MΩ	±(0.8%+1)	±(0.8%+1)
Capacitance (F)	200pF/2nF/20nF/200nF/2uF/20uF/200uF/2mF/20mF 2nF/20nF/200nF/2uF/20uF/200uF/600uF	±(0.5%+10)	±(1%+5)
Inductance (H)	2mH/20mH/200mH/2H/20H		±(2%+8)
Display count		2000	2000

Characteristics	
Standard accessories	Battery, test leads with alligator clips, holster, English manual
Power	9V battery (6F22)
Display	61 x 32 mm
Product size	172 x 83 x 38mm
Product net weight	UT601: 310g, UT603: 312g
Standard individual packing	Gift box
Standard quantity per carton	20pcs
Standard carton measurement	450 x 330 x 340mm (0.099CBM per standard carton)
Standard carton gross weight	9.6kg



UT601



UT603



UT612

LCR Meter

The UT612 LCR meter measures inductance, capacitance, and resistance, offering advanced features like series/parallel modes, Q-factor, loss, phase angle, and DC resistance measurements. It's ideal for production, component testing, and electronics maintenance.



Product Highlights:

- ◆ Deviation ratio measurement
- ◆ Comparison function
- ◆ Calibration function
- ◆ Auto LCR check and test
- ◆ USB interface for data transmission
- ◆ Data hold & Relative mode

Specifications	Range	Accuracy
Inductance (H)	20uH~2000H	±(0.5%+5)
Capacitance (F)	200pF~20mF	±(0.5%+5)
Resistance (Ω)	20Ω~200MΩ	±(0.3%+5)
Test frequency (Hz)	100Hz/120Hz/1kHz/10kHz/100kHz	
Operating voltage	0.6Vrms	
Test parameters	L/C/R/DCR/Q/D/θ/ESR	
Display count	20000	
D/Q display count	2000	
D/Q resolution	0.001	
Auto range	√	
Test frequency real-time display	√	
Measurement mode	Series/Parallel	
PC data records	60000	
Analog bar graph	26	

Characteristics	
Standard accessories	Battery, SMD test clamp, USB interface cable, multi-purpose socket, English manual
Optional accessories	USB power adaptor
Power	9V battery (6F22) or USB
Display	40 x 63mm
Product size	96 x 193 x 47mm
Product net weight	374g
Standard individual packing	Gift box
Standard quantity per carton	10pcs
Standard carton measurement	370 x 305 x 475mm
Standard carton gross weight	13.2kg



UT612



Battery Testers

These series testers measure battery internal resistance, voltage, and analyze car battery health. They enable early fault detection, prevent sudden failures, and extend battery life, widely used in automotive repair and electronics maintenance.



UNI-T



UT673A/UT675A Battery Testers

UT673A/UT675A battery testers are designed to assess the health of automotive batteries, compatible with battery capacities ranging from 3 to 250Ah. The UT675A model also features USB communication and a built-in printer for generating reports.

Product Highlights:

- ◆ Compatible with multiple car battery
- ◆ Multiple display: V+R+mAh
- ◆ Multiple battery standards: 10 types
- ◆ Over voltage protection
- ◆ Reverse connection protection
- ◆ Poor contact indication



UT673A



UT675A

Specifications	Range	UT673A	UT675A
12V battery test	7~16V DC	√	√
12V/24V cranking system test	7~30V DC	√	√
12V/24V charging system test	7~30V DC	√	√
Battery type	Lead acid battery, AGM battery, GEL battery, EFB battery		
Battery capacity	3~250Ah	√	√
Battery standards and range	CCA: 40~2000; BCI: 40~2000; CA: 40~2000; MCA: 40~2000; JIS: 26A17~245H52; DIN: 40~1400; IEC: 40~1400; EN: 40~2000; SAE: 40~2000; AH: 3~250AH		
USB communication			√
Printing function			√

Features

- Battery status display
- Battery life display
- Battery capacity display
- Battery internal resistance display

Characteristics

Standard accessories	UT673A: English manual; UT675A: English manual, USB cable, printing paper 3 rolls, carrying bag
Power	None, powered by external source
Display	128 x 64 black and white lattice
Product size	UT673A: 76 x 22 x 142mm; UT675A: 95 x 47 x 183mm
Product net weight	UT673A: 264g; UT675A: 413g
Standard individual packing	UT673A: Blister; UT675A: Gift box, carrying bag
Standard quantity per carton	UT673A: 30pcs; UT675A: 10pcs
Standard carton measurement	UT673A: 650 x 380 x 350mm; UT675A: 590 x 470 x 260mm
Standard carton gross weight	UT673A: 13.6kg; UT675A: 9.3kg



UT677 SERIES

Battery Internal Resistance Testers



The UT677 series are devices for assessing the condition of rechargeable batteries, including lead-acid and lithium types, by measuring their internal resistance and voltage. Using the AC four-terminal method, it accurately measures internal resistance without interference from lead resistance. Features include data storage, retrieval, alarms, auto shut-off, and strong anti-interference, making it essential for battery production, installation, and maintenance.



Product Highlights:

- ◆ Battery internal resistance: 0.000mΩ~3Ω
- ◆ Voltage(UT677A+): 0~70V; Voltage(UT677C): 0~120V;
- ◆ Data storage: 500 sets
- ◆ Bluetooth APP
- ◆ PC software analysis
- ◆ Rechargeable battery

Function	UT677A+	UT677C	Resolution
Battery internal resistance	0.000mΩ~3mΩ/±1%fs. ±20dgt	0.000mΩ~3mΩ/±1%fs. ±20dgt	1uΩ
	3.000mΩ~30mΩ/±0.5%fs. ±15dgt.	3.000mΩ~30mΩ/±0.5%fs. ±15dgt.	10uΩ
	3.000mΩ~300mΩ/±0.5%fs. ±15dgt.	3.000mΩ~300mΩ/±0.5%fs. ±15dgt.	100uΩ
	300mΩ~3Ω/±0.5%fs. ±15dgt.	300mΩ~3Ω/±0.5%fs. ±15dgt.	100mΩ
Battery voltage range	0.000V~±7V/±0.2%fs. ±10dgt.	0.000V~±7V/±0.2%fs. ±10dgt.	1mV
	7V~±71.00V/±0.2%fs. ±10dgt.	7V~100.00V/±0.2%fs. ±10dgt	10mV
	N/A	100V~120.00V/±0.2%fs. ±10dgt	100mV

Features	
Function	1, Battery internal resistance measurement; 2, Battery voltage measurement
Battery types	Lead-acid battery, lithium battery, and other types of batteries.
Measurement methods	Internal resistance: 1kHz AC 4-terminal test method; Open circuit terminal voltage: 3V max Test Current: 2.0mA~200mA (Varying range correspond to varying test currents.) refresh rate: 5times/s
Anti interference	Yes, Automatic frequency tuning: 920Hz~1080Hz
Power supply	DC 11.1V lithium battery 2600mAh
Max input voltage	DC 120V (between positive side and negative side)
Response time	200ms
Screen	3.5" (480 x 320 color screen)
Meter dimension	170 x 115 x 65mm (L x W x H)
Data interface	Type C, save the testing data and upload it to PC
Bluetooth	YES
Data hold	Auto/Manual data hold
Data storage	500 sets
Measurement judgment function	PASS, WARNING, FAIL judgment thresholds can be preset
Low battery indication	YES, 5 battery level
Auto power off	YES, Around 15 minutes
Weight (meter)	674.0g (batteries included)
Suitable for safety regulations	IEC 61010; CE certificated

Calibrators

Calibrators like UT715 deliver accurate reference signals to verify/test instruments. They ensure measurement precision, maintain device reliability, and meet standards, widely used in labs, manufacturing, and electrical maintenance.



UT701

Single Function Temperature Calibrator

UT701 is a stable and high-precision handheld calibrator, offering outputs for voltage, resistance, and a range of 10 types of thermocouples and 4 types of resistance thermometers. Known for its ease of use and high performance, the UT701 is an excellent testing tool for those involved in temperature calibration.



UT701



Product Highlights:

- ◆ 10 thermocouples & 4 thermal resistance
- ◆ Output functions: DCV+R+thermal resistance
- ◆ High precision output: up to 0.05%
- ◆ Manual/Auto stepping ramping
- ◆ Stores and recalls setups

Type	Range	Accuracy
DC (mV)	100mV 1000mV	±(0.05%+20) ±(0.05%+3)
Resistance (Ω)	500Ω	±(0.05%+2)
Thermocouples		
J	-20~1200°C (-328~2192°F)	±0.7°C
K	-200~1370°C (-328~2498°F)	±1°C
T	-200~400°C (-328~752°F)	±0.8°C
E	-200~950°C (-328~1742°F)	±0.7°C
R	-20~1750°C (-4~3182°F)	±1.4°C
S	-20~1750°C (-4~3182°F)	±1.5°C
B	600~1800°C (1112~3272°F)	±1.4°C
N	-200~0~1300°C (-328~2372°F)	±0.9°C
Wre325	0~2000°C (32~3632°F)	±1.8°C
Wre526	0~2300°C (32~4172°F)	±1.8°C
RTDs		
Pt10	-200~850°C (-328~1562°F)	±(0.5%+6°C)
Pt100	-200~850°C (-328~1562°F)	±(0.05%+0.6°C)
Cu50	-50~150°C (-58~302°F)	±(0.05%+0.6°C)
Cu100	-50~150°C (-58~302°F)	±(0.05%+0.6°C)
Ramp functions	Source functions: voltage, resistance, temperature Ramps: slow ramp, fast ramp, 25% step-ramp	
Step functions	Source functions: voltage, resistance, temperature Steps: 25% of range, 100% of range	

Characteristics	
Standard accessories	Test leads, battery, English manual
Power	9V battery (6F22)
Display	63 x 40mm
Product size	96 x 193 x 47mm
Product net weight	410g
Standard individual packing	Gift box, cloth bag
Standard quantity per carton	5pcs
Standard carton measurement	325 x 225 x 285mm
Standard carton gross weight	4.5kg

UT705

Single Function Loop Calibrator

UT705 is specifically designed for the calibration, maintenance, and repair of electrical circuits. It features optional step and ramp functions that provide a continuous and smooth output for testing the circuit loop. With its quick measurement capabilities, it simplifies and enhances the calibration process, making it an ideal tool for your needs.



UT705



Product Highlights:

- ◆ Measurement & Source all in one
- ◆ Loop current: 4 to 20mA
- ◆ Ramp & Stepping functions
- ◆ High precision: up to 0.02%
- ◆ Stores and recalls setups

Type	Range	Accuracy
Measurement		
DC voltage (V)	30V	±(0.02%+2)
DC current (A)	4-20mA	±(0.02%+2)
Loop current	4-20mA	±(0.02%+2)
Source		
DC current (source)	4-20mA	±(0.02%+2)
DC current (simulate)	4-20mA	±(0.02%+2)
Loop power function	Voltage: 24V; Accuracy: 10%	
Ramp functions	Source functions: Voltage, resistance, temperature Ramps: Slow ramp, Fast ramp, 25% step-ramp	
Step functions	Source functions: Voltage, resistance, temperature Steps: 25% of range, 100% of range	

Characteristics	
Standard accessories	Test leads, battery, English manual
Power	9V battery (6F22)
Display	63 x 40mm
Product size	96 x 193 x 47mm
Product net weight	410g
Standard individual packing	Gift box, cloth bag
Standard quantity per carton	5pcs
Standard carton measurement	325 x 225 x 285mm
Standard carton gross weight	4.5kg

UT714

Multifunction Temperature Process Calibrator

The UT714 is a powerful temperature calibrator that sources and measures thermocouples, RTDs, voltage, and resistance. It is designed to test and calibrate a variety of temperature instruments. This device is suitable for testing input/output temperature terminals, including sensors and transmitters.



UT714



Product Highlights:

- ◆ Measurement & Source all in one
- ◆ High precision: up to 0.02%
- ◆ Ramp & Stepping functions
- ◆ Stores and recalls setups
- ◆ Rechargeable battery

Type	Range	Accuracy
Measurement		
DC voltage (V)	50mV/500mV/30V	±(0.02%+2)
Resistance (Ω)	500Ω/5000Ω	±(0.05%+10)
Thermocouples	R,S,K,E,J,T,N,B,L,U	
RTDs	Pt100/Pt200/Pt500/Pt1000/Cu10/Cu50/Cu100/Pt100-392/Pt100-JIS/Ni120	
Continuity test	v	
Source		
DC voltage (V)	100mV/1000mV/10V	±(0.02%+10)
Resistance (Ω)	400Ω/4000Ω	±(0.05%+10)
Thermocouples	R,S,K,E,J,T,N,B,L,U	
RTDs	Pt100-385/Pt100-392/Pt100-JIS/Pt200-385/P500-385/Pt1000-385/Cu10/Cu50/Cu100/Ni120	
Display count	20000	
Operating temperature	-10°C~55°C	

Characteristics	
Standard accessories	Test leads, USB cable, power adapter, temperature probe, English manual
Power	1.2V x 6 AA rechargeable battery
Product size	195 x 95 x 58mm
Product net weight	650g
Standard individual packing	Gift box, carrying bag
Standard quantity per carton	1pc
Standard carton measurement	305 x 85 x 260mm
Standard carton gross weight	1.5kg

UT715

Multifunction Loop Process Calibrator

The UT715 Multifunction Loop Process Calibrator measures and sources loop current and voltage. It is a powerful tool for the calibration, repair, and maintenance of industrial control systems.



UT715



Product Highlights:

- ◆ High end level: 20000 count
- ◆ Measurement & Source all in one
- ◆ High precision: up to 0.02%
- ◆ Ramp & Stepping functions
- ◆ Stores and recalls setups
- ◆ Rechargeable battery

Type	Range	Accuracy
Measurement		
DC voltage (V)	200mV/30V	±(0.02%+2)
DC current (mA)	24mA	±(0.02%+2)
Loop current (mA)	24mA	±(0.02%+2)
Frequency (Hz)	100Hz/1kHz/10kHz/100kHz	±(0.01%+1)
Continuity test	v	
Source		
DC voltage (V)	100mV/1000mV/10V	±(0.02%+10)
DC current (mA)	24mA/24mA (SIM)	±(0.02%+2)
Frequency (Hz)	200Hz/2000Hz/20kHz	±(0.01%+1)
Pulses (Hz)	100Hz/1kHz/10kHz	±1
Loop power output	24V	±10%
Display count	20000	
Operation temperature	-10°C~55°C	

Characteristics	
Standard accessories	Test leads, USB cable, power adapter, English manual
Power	1.2V x 6 AA rechargeable battery
Product size	195 x 95 x 58mm
Product net weight	650g
Standard individual packing	Gift box, carrying bag
Standard quantity per carton	1pc
Standard carton measurement	305 x 85 x 260mm
Standard carton gross weight	1.5kg

UT725

Multifunction Process Calibrator

The UT725, It is a temperature/loop process calibrator. Users can easily measure and source a variety of process parameters: mA, volts, temperature, frequency, and ohms, all in one tool. The UT725 is a useful tool with a wide range of industrial applications.



UT725



Product Highlights:

- ◆ High end level: 20000 count
- ◆ Measurement & Source all in one
- ◆ High precision: up to 0.02%
- ◆ Ramp & Stepping functions
- ◆ Measure and output signal Simultaneously
- ◆ Measure and sourcing the pressure

Type	Range	Accuracy
Measurement		
DC voltage (V)	50mV/500mV/50V	±(0.02%+2)
DC current (mA)	20mA	±(0.02%+2)
Loop current (mA)	20mA	±(0.02%+2)
Resistance (Ω)	500Ω/5000Ω	±(0.05%+10)
Frequency (Hz)	100Hz/1kHz/10kHz/100kHz	±(0.01%+1)
Thermocouples	R,S,K,E,J,T,N,B,L,U,XX,BP	
RTDs	Pt100/Pt200/Pt500/Pt1000/Cu10/Cu50/Cu100/Pt100-392/Pt100-JIS/Ni120	
Continuity test	v	
Pulses (Hz)	1~15kHz (1~100000 periods)	
Source		
DC voltage (V)	100mV/1000mV/10V	±(0.02%+10)
DC current (A)	20mA/20mA(SIM)	±(0.02%+2)
Resistance (Ω)	400Ω/4000Ω/40kΩ	±(0.05%+10)
Frequency (Hz)	200Hz/2000Hz/20kHz/100kHz	±(0.01%+1)
Pulses (Hz)	100Hz/1kHz/10kHz	±1
Thermocouples	R,S,K,E,J,T,N,B,L,U,XX,BP	
RTDs	Pt100-385/Pt100-392/Pt100-JIS/Pt200-385/P500-385/Pt1000-385/Cu10/Cu50/Cu100/Ni120	
Display count	20000	
Operating temperature	-10°C~55°C	

Characteristics	
Standard accessories	Test leads, USB cable, power adapter, temperature probe, English manual
Power	1.2V x 6 AA rechargeable battery
Product size	195 x 95 x 58mm
Product net weight	650g
Standard individual packing	Gift box, carrying bag
Standard quantity per carton	1pc
Standard carton measurement	305 x 85 x 260mm
Standard carton gross weight	1.68kg

Socket Testers

Socket testers are portable devices used for testing the wiring of power outlets. These testers are used widely in homes and commercial buildings. UNI-T's socket testers can speed up the testing process considerably and obtain reliable and accurate information socket status.



UT07/08 SERIES

Socket Testers/Receptacle Testers

UT07/08 series socket testers can check socket wiring errors. These tools are widely used in commercial and residential areas. The operation is easy and convenient, and it is a necessity for your daily life and house line inspection.

Product Highlights:

- ◆ Portable & Compact design
- ◆ LEDs display the results directly
- ◆ RCD/GFCI test (UT07B-EU/UT08B)
- ◆ Low power consumption

Specifications	UT07A-UK	UT07A-EU	UT07B-EU
Operating voltage	230V	230V	230V
Operating current	<18mA	<18mA	<18mA
Working frequency	50Hz~60Hz	50Hz~60Hz	50Hz~60Hz
RCD			~30mA
Indications	Correct	OK, leakage test passed	
	Ground missing	OK	
	Live/Ground inverted	Ground missing	
	Live/Neutral inverted	Live missing	
	Neutral missing	Neutral missing	
		Live/Ground inverted	
		Live/Ground inverted and ground missing	

Specifications	Range	UT08A	UT08B
Operating voltage	110~125V AC	√	√
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	√	√



UT07A-UK



UT07A-EU



UT07B-EU



UT08B



UT230B-EU

Power Socket



The UT230B-EU power socket is capable of monitoring the operational status of electrical appliances, including voltage, current, time, power consumption, and energy cost. It is suitable for indoor use in various settings such as homes, offices, schools, and other residential and commercial environments.

Product Highlights:

- ◆ Real-time monitoring of AC power
- ◆ Cost of the power adjustable
- ◆ Carbon footprint calculation
- ◆ Dual display simultaneous

Specifications	Range	Accuracy
Voltage	100V~260V	±1%
Current	0A~16A	±1%
Frequency	45Hz~65Hz	
Power	1~3680W	±1%
Power factor	0~1	±2%
Energy consumption	0~9999kWh	±1%
Overload indication	>16A	

Characteristics

Standard accessories	Battery, English manual
Power	3V button battery
Display	48 x 30.5mm
Product size	130 x 65 x 37mm
Product net weight	155g
Standard individual packing	Blister
Standard quantity per carton	48pcs
Standard carton measurement	475 x 460 x 395mm
Standard carton gross weight	13.2kg



UT230B-EU



Voltage Detectors

Non-contact voltage detectors can quickly detect live AC voltage. These handy devices are great for electricians to safely and quickly check the status of electrical wires. The UT12 series includes single/dual mode (UT12S/UT12D) and two PRO models (UT12E/UT12M) designed with vibration and magnetic detection modes. These PRO models are IP67 rated, suitable for working in industrial environments.



UT12 SERIES AC Voltage Detectors

UT12 series non-contact AC voltage detectors are widely used in the maintenance of low voltage equipments such as conductors, cables, sockets, and other electrical/electronics instruments. It is a very handy tool for electricians.

Product Highlights:

- ◆ AC Voltage detection
- ◆ Pen type design
- ◆ Audible & Visible indication

Specifications	UT12S	UT12D	UT12E	UT12M
AC voltage (Low)		24V~1000V	24V~1000V	24V~1000V
AC voltage (High)	90V~1000V	90V~1000V	90V~1000V	90V~1000V
Frequency range	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Vibration mode			√	
Magnetic solenoid detection				√
Double injection molding			√	√
Drop test	1m	1m	2m	2m
Overvoltage category	CAT IV 1000V			

Characteristics

Standard accessories	Battery, English manual
Power	1.5V battery (R03) x 2
Product size	UT12D/UT12S: 150 x 18 x 23mm; UT12E/UT12M: 160.5 x 21.5 x 25mm
Product net weight	UT12D/UT12S: 50g; UT12E/UT12M: 72g
Standard individual packing	Gift box, blister
Standard quantity per carton	40pcs
Standard carton measurement	UT12D/UT12S: 350 x 245 x 210mm; UT12E/UT12M: 415 x 245 x 235mm
Standard carton gross weight	UT12D/UT12S: About 3.6kg; UT12E/UT12M: About 3.8kg

*Buzzer and sensing LED frequencies increase when detector gets closer to the test object



• Built-in flashlight

UNI-T



UT12S/D



UT12E/M

2m drop

CAT IV 1000V



UT15 SERIES

Voltage and Continuity Testers

The UT15 series of waterproof voltage and continuity testers are suitable for working environments that are high ruggedness and require a high level of testing safety.

This series has passed CAT IV safety certification, preventing sudden transient overvoltages from harming workers.

Featuring an IP65 waterproof rating, built-in lighting, phase sequence and polarity detection functions, they are widely used in power-related industries.



UT15B



UT15C

IP65 **CAT IV 600V**



Product Highlights:

- ◆ AC/DC Voltage detection
- ◆ Phase sequency detection
- ◆ Auto range & self inspection
- ◆ Buzzer & LED indication for Continuity
- ◆ Polarity indication
- ◆ Flash light

Specifications	Range	UT15B	UT15C
Voltage (AC/DC)	12V	0~12V	0~12V
	24V	19V±2V	19V±2V
	50V	48V±6V	48V±6V
	120V	110V±20V	110V±20V
	230V	200V±20V	200V±20V
	400V	340V±30V	340V±30V
	690V	520V±30V	520V±30V
Phase sequency test	0V~690V 50Hz~60Hz	√	√
Single pole (L2) test	0V~690V 50Hz~400Hz	√	√
Continuity	0~100KΩ Buzzer & LED indication	√	√
Polarity	Positive & Negative	√	√
Category rating	CAT IV 600	√	√
IP65		√	√

Features			
Auto range		√	√
Flash light		√	√
Low battery indication		√	√
Voltage indication (LCD)	24V~690V		±(3%+5)

Characteristics	
Power supply	1.5V AAA x 2
LCD size	UT15C-23 X 12mm
Product color	Red + Grey
Product weight	210g
Product dimension	275 x 51 x 30mm
Standard accessories	Battery, Manual
SPQ	30pcs
Standard pacakge dimension	440 x 295 x 455mm
Standard package weight	17kg



UT18 SERIES

Voltage and Continuity Testers

The UT18 series is designed for testing AC/DC voltage, three-phase voltage/phase sequence, continuity, and more. It complies with CAT IV 600V, and the buzzer alarm function can remind users to maintain safe operation at all times. The UT18 series is a handy tool for electricians.

Product Highlights:

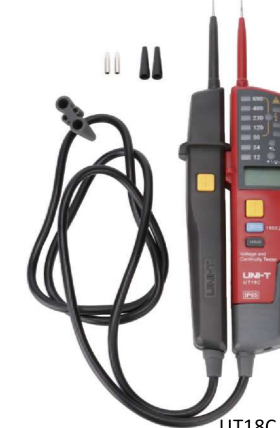
- ◆ AC/DC Voltage measurement
- ◆ Multifuncionas al in one
- ◆ Audible & Visible indication
- ◆ Auto input protecion

Specifications	Range	UT18C	UT18D	UT18E
Voltage (AC/DC)	6V		5V±1V	5V±1V
	12V	8V±1V	8V±1V	8V±1V
	24V	18V±2V	18V±2V	18V±2V
	50V	38V±4V	38V±4V	38V±4V
	120V	94V±8V	94V±8V	94V±8V
	230V	180V±14V	180V±14V	180V±14V
	400V	325V±15V	325V±15V	325V±15V
	690V	562V±24V	562V±24V	562V±24V
	1000V			820V±30V
	Phase rotation test	100V AC~690V AC 50Hz~60Hz	√	√
Continuity test	0Ω~100kΩ Beeper & LED indication	√	√	√ (0-60KΩ)
RCD test	230V (50Hz~400Hz)	√	√	√
Polarity detection	Positive & Negative	√	√	√
Self-inspection	All LED or LCD	√	√	√
No power test	Voltage: 100~1000V	√	√	√
LCD display (voltage)	6V~690V	√	√	√ (1000V)
Voltage indication		LED and LCD	LCD	LED and LCD
LCD display (Frequency)	40Hz~400Hz	±(3%+5)	±(3%+5)	±(3%+5)
Overvoltage category		CAT III 690V, CAT IV 600V	CAT III 690V, CAT IV 600V	CAT III 1000V, CAT IV 600V

Characteristics	
Standard accessories	Batteries, English manual
Power	1.5V battery (R03) x 2
Display	UT18C: 31 x 20mm; UT18D: 73.5 x 35.5mm
Product size	272 x 85 x 31mm
Product net weight	280g
Standard individual packing	Blister
Standard quantity per carton	20pcs
Standard carton measurement	415 x 380 x 365mm
Standard carton gross weight	15.9kg



UT18E



UT18C



UT18D

CAT IV 600V **CAT III 690V**
CAT III 1000V

UNI-T

UT22B-EU Voltage Tester

The UT22B-EU voltage tester, rated IP54, it is designed to withstand a 2m drop, and no need battery. The UT22B-EU can automatically distinguish between AC/DC voltage, as indicated by the number of LED lights. It is a straightforward tool for electricians and DIY enthusiasts to measure AC/DC voltage.

Product Highlights:

- ◆ Automatically detect AC/DC voltage
- ◆ High voltage alarm
- ◆ Input protection
- ◆ No need battery

Specifications	Range
Voltage indications (AC/DC)	
12V	6V~12V
24V	17V~24V
50V	35V~50V
120V	84V~120V
230V	161V~230V
400V	280V~400V
Frequency (AC)	50/60Hz
Voltage indication	LED
Overvoltage category	CAT III 400V, IP54

Characteristics	
Standard accessories	English manual
Power	None, powered by external source
Product size	265 x 42 x 27mm
Product net weight	136g
Standard individual packing	Gift box
Standard quantity per carton	40pcs
Standard carton measurement	525 x 300 x 310mm
Standard carton gross weight	8kg



UT22B-EU



Infrared Thermometers

Infrared thermometer plays an important role in production quality control, equipment maintenance and troubleshooting, energy saving, and other applications. Infrared thermometer measures temperature through non-contact method, producing quick and accurate results. It allows users to measure high temperatures at a safe distance.



UT300A+

Infrared Thermometer

UT300A+ is an economical infrared thermometer. Its compact and simple design makes it easy for users to carry and operate. Designed with high accuracy, high repeatability, quick response, UT300A+ is suitable for measuring the surface temperature of hard-to-reach or dangerous objects.



D:S 10:1 ε 0.95



Product Highlights:

- ◆ Simple one button operation
- ◆ Mini design, easy to carry
- ◆ Economical and practical

Specifications	UT300A+
Temperature range (°C)	-20°C~400°C
Temperature range (°F)	-4°F~752°F
Accuracy (°C)	±2.0°C or ±2%
Accuracy (°F)	±4.0°F or ±2%
Repeatability	1°C or 1.0% (2°F or 1.0%)
D:S ratio	10:1
Response time	≤500ms (95% of reading)
Emissivity	0.95
Spectral response	5.5μm~14μm
Laser power	<1mW
Auto power off	8s
Operating temperature	0°C~50°C (32°F~122°F)
Storage temperature	-20°C~60°C (-4°F~140°F)
Operating humidity	<90% RH (non-condensing)
Drop proof	1m
Backlight	√
Data hold	√
Low battery indication	√
Unit switch	°C/°F

Characteristics	
Standard accessories	Batteries, gift box, user manual
Power	1.5V battery (LR03) x 2
Display	20 x 24mm
Product size	135 x 94 x 36.5mm
Product net weight	146g
Standard quantity per carton	20pcs

UT301+ SERIES

Infrared Thermometers



UT301D+

D:S 10:1 ε 0.1~1.0

	Normal status: High limit>temperature>low limit
	Temperature>high limit
	Temperature<low limit



Product Highlights:

- ◆ High and low temperature alarm
- ◆ Three-color LED and audible alarm
- ◆ Time scheduled measurement (UT301C+/UT301D+)
- ◆ Date/time display (UT301C+/UT301D+)
- ◆ Lock measurement/tripod mounting hole
- ◆ MAX/MIN/AVG/DIF/Hold modes



* Scheduled measurement (UT301C+/301D+):

(automatic process)
Set start and interval time, device will auto turn on once every interval time to perform a measurement.



* Ring laser (UT301C+)

Unique patented display method that covers entire measured area, user will know exactly where the measurement is taking place.

All the models in this page share the same mold.

Specifications	UT301A+	UT301C+	UT301D+
Temperature range (°C)	-32°C~420°C	-32°C~600°C	-32°C~600°C
Temperature range (°F)	-25.6°F~788°F	-25.6°F~1112°F	-25.6°F~1112°F
Accuracy (°C)	±1.5°C or ±1.5%		
Accuracy (°F)	±3.0°F or ±1.5%		
Repeatability	0.7°C or 0.7% (1.5°F or 0.7%)		
D:S ratio	12:1 (95%)		
Response time	≤250ms (95% of reading)		
Emissivity	0.1~1.0 (adjustable, stores 5 sets of preset values)		
Spectral response	8μm~14μm		
Laser power	<1mW		
LCD display	Color EBTN		
Unit switch	°C/°F		
Auto power off	√		
Low battery indication	√		
Operating temperature and humidity	0°C~50°C (32°F~122°F), <90%RH (non-condensing)		
Laser type	Single	Ring	Dual
Data storage		99	99
Interval time		1min~96h	1min~96h
Scheduled measurement		√	√
Data/time		√	√

Characteristics	
Standard accessories	Battery, user manual, gift box, carrying bag
Power	9V battery
Display	30 x 30mm
Product size	160 x 74 x 48mm
Product net weight	204g
Standard quantity per carton	20pcs

UT302+ SERIES

Infrared Thermometers



UT302A+

D:S 20:1 ε 0.1~1.0

	Normal status: High limit>temperature>low limit
	Temperature>high limit
	Temperature<low limit



Product Highlights:

- ◆ High and low temperature alarm
- ◆ Three-color LED and audible alarm
- ◆ Time scheduled measurement (except UT302A+)
- ◆ Date/time display (except UT302A+)
- ◆ Lock measurement/tripod mounting hole
- ◆ MAX/MIN/AVG/DIF/Hold modes



*** Scheduled measurement (UT302C+/302D+):**
(automatic process)
Set start and interval time, device will auto turn on once every interval time to perform a measurement.



*** Ring laser (UT302C+)**
Unique patented display method that covers entire measured area, user will know exactly where the measurement is taking place.

All the models in this page share the same mold.

Specifications	UT302A+	UT302C+	UT302D+
Temperature range (°C)	-32°C~700°C	-32°C~1100°C	-32°C~1100°C
Temperature range (°F)	-25.6°F~1292°F	-25.6°F~2012°F	-25.6°F~2012°F
Accuracy (°C)	±1.5°C or ±1.5%	±3°F or ±1.5%	±3°F or ±1.5%
Accuracy (°F)	±3°F or ±1.5%	±3°F or ±1.5%	±3°F or ±1.5%
Repeatability	0.7°C or 0.7% (1.5°F or 0.7%)	0.7°C or 0.7% (1.5°F or 0.7%)	0.7°C or 0.7% (1.5°F or 0.7%)
D:S ratio	20:1	20:1	20:1
Response time	250ms	250ms	250ms
Emissivity	0.1~1.0 (adjustable, stores 5 sets of preset values)	0.1~1.0 (adjustable, stores 5 sets of preset values)	0.1~1.0 (adjustable, stores 5 sets of preset values)
Spectral response	8μm~14μm	8μm~14μm	8μm~14μm
LCD display	Color EBTN	Color EBTN	Color EBTN
Operating temperature	0°C~50°C (32°F~122°F)	0°C~50°C (32°F~122°F)	0°C~50°C (32°F~122°F)
Storage temperature	-20°C~60°C (-4°F~140°F)	-20°C~60°C (-4°F~140°F)	-20°C~60°C (-4°F~140°F)
Operating humidity	<90%RH (non-condensing)	<90%RH (non-condensing)	<90%RH (non-condensing)
Unit switch	°C/°F	°C/°F	°C/°F
Auto power off	√	√	√
Low battery indication	√	√	√
Operating temperature and humidity	0°C~50°C (32°F~122°F), <90%RH (non-condensing)		
Laser type	Single	Ring	Dual
Laser power	<1mW	<3mW	<1mW
Data storage		99	99
Interval time		1min~96h	1min~96h
Scheduled measurement		√	√
Data/time		√	√

Characteristics	
Standard accessories	Battery, English manual, gift box, blister, carrying bag
Power	9V battery
Display	35 x 35mm
Product size	172 x 113.5 x 53mm
Product net weight	310g
Standard quantity per carton	10pcs

UT303+ SERIES

Infrared Thermometers



UT303D+

D:S 30:1 ε 0.1~1.0

	Normal status: High limit>temperature>low limit
	Temperature>high limit
	Temperature<low limit



Product Highlights:

- ◆ High and low temperature alarm
- ◆ Three-color LED and audible alarm
- ◆ Time scheduled measurement (except UT303A+)
- ◆ Date/time display (except UT303A+)
- ◆ Lock measurement/tripod mounting hole
- ◆ MAX/MIN/AVG/DIF/Hold modes



*** Scheduled measurement (UT303C+/303D+):**
(automatic process)
Set start and interval time, device will auto turn on once every interval time to perform a measurement.



*** Ring laser (UT303C+)**
Unique patented display method that covers entire measured area, user will know exactly where the measurement is taking place.

All the models in this page share the same mold.

Specifications	UT303A+	UT303C+	UT303D+
Temperature range (°C)	-32°C~800°C	-32°C~1300°C	-32°C~1300°C
Temperature range (°F)	-25.6°F~1472°F	-25.6°F~2372°F	-25.6°F~2372°F
Accuracy (°C)	±1.5°C or ±1.5%	±3°F or ±1.5%	±3°F or ±1.5%
Accuracy (°F)	±3°F or ±1.5%	±3°F or ±1.5%	±3°F or ±1.5%
Repeatability	0.7°C or 0.7% (1.5°F or 0.7%)	0.7°C or 0.7% (1.5°F or 0.7%)	0.7°C or 0.7% (1.5°F or 0.7%)
D:S ratio	30:1	30:1	30:1
Response time	250ms	250ms	250ms
Emissivity	0.1~1.0 (adjustable, stores 5 sets of preset values)	0.1~1.0 (adjustable, stores 5 sets of preset values)	0.1~1.0 (adjustable, stores 5 sets of preset values)
Spectral response	8μm~14μm	8μm~14μm	8μm~14μm
LCD display	Color EBTN	Color EBTN	Color EBTN
Operating temperature	0°C~50°C (32°F~122°F)	0°C~50°C (32°F~122°F)	0°C~50°C (32°F~122°F)
Storage temperature	-20°C~60°C (-4°F~140°F)	-20°C~60°C (-4°F~140°F)	-20°C~60°C (-4°F~140°F)
Operating humidity	<90%RH (non-condensing)	<90%RH (non-condensing)	<90%RH (non-condensing)
Unit switch	°C/°F	°C/°F	°C/°F
Auto power off	√	√	√
Low battery indication	√	√	√
Operating temperature and humidity	0°C~50°C (32°F~122°F), <90%RH (non-condensing)		
Laser type	Single	Ring	Dual
Laser power	<1mW	<3mW	<1mW
Data storage		99	99
Interval time		1min~96h	1min~96h
Scheduled measurement		√	√
Data/time		√	√

Characteristics	
Standard accessories	Battery, English manual, gift box, blister, carrying bag
Power	9V battery
Display	35 x 35mm
Product size	172 x 113.5 x 53mm
Product net weight	310g
Standard quantity per carton	10pcs

UT305S

Infrared Thermometer

UT305S features a wide temperature range and high D:S ratio, making it an ideal solution for long-distance, high-precision measurement applications, particularly in thermal processing, HVAC, and electronics manufacturing industries.



UT305S

D:S 50:1 **ε 0.1~1.0**

	Normal status: High limit>temperature>low limit
	Temperature>high limit
	Temperature<low limit

Product Highlights:

- ◆ Wide measurement range
- ◆ High and low temperature alarm
- ◆ Three-color LED and audible alarm
- ◆ High D:S ratio
- ◆ MAX/MIN/AVG/DIF modes
- ◆ 99 groups of data storage

Specifications	UT305S
Temperature range (°C)	-50°C~2000°C
Temperature range (°F)	-58.0°F~3632°F
Accuracy	±1.0°C or ±1.0%
Repeatability	0.7°C or 0.7%
LCD display	EBTN
High/low temperature LED alarm	√
Trigger lock	√
Resolution	0.1°C
D:S ratio	50:1
Response time	250ms (95% of reading)
Emissivity	0.1~1.0 adjustable
Laser type	Class 2
Laser power	<1mW
Laser wavelength	630nm~670nm
Spectral response	8μm~14μm
Data storage	99
Unit switch	°C/°F
Laser switch	√
Tripod mounting hole	√
Operating temperature and humidity	-5°C~50°C (23°F~122°F), <90%RH (non-condensing)

Characteristics	
Standard accessories	Battery, carrying bag, English manual, gift box
Power	9V Battery (1604S)
Product size	172 x 113.5 x 53mm
Product net weight	310g
Standard quantity per carton	10pcs



UT305A+/C+

Infrared Thermometer



UT305C+

D:S 55:1 **ε 0.1~1.0**

Product Highlights:

- ◆ High resolution TFT color LCD
- ◆ Infrared professional mode
- ◆ Surface heat conduction detection mode
- ◆ Surface dew point detection mode
- ◆ Surface temperature comparison mode
- ◆ Type K thermocouple temperature measurement
- ◆ 999 groups of data storage, data output in PDF or CSV format
- ◆ Appointment measurement



All the models in this page share the same mold.

Specifications	Range	UT305A+	UT305C+
Measurement range	Infrared temperature measurement	-50°C~1850°C (-58.0°F~3362°F)	-50°C~2200°C (-58.0°F~3992°F)
	Ambient temperature	-10°C~50°C (14°F~122°F)	
	Relative humidity	10%RH~90%RH	
Accuracy	Type K thermocouple	-50°C~1370°C (-58.0°F~2498°F)	
	Infrared temperature measurement	±1.0°C or ±0.01×t°C (whichever is greater)	
	Ambient temperature	±0.5°C (±1.0°F)	
	Relative humidity	±5%RH	
	Type K thermocouple	±(0.005×t+1.5)°C	
Distance ratio (D:S)	55:1		
Emissivity	0.1~1.0 (custom adjustment or choose from the built-in material table)		
Spectral response	8μm~14μm		
Repeatability	±0.005×t°C (°F) or 1°C (2°F) (whichever is greater)		
Display resolution	0.1°C (0.1°F)		
Unit conversion	°C/°F		
Laser point	Single laser, output <1mW, class II, 630~670 nm of wavelength		
Data storage	999 groups		
Data output format	PDF, CSV		
Data communication or charging interface	Type-C USB		
Battery	Li-ion 3.7V 2600mAh 18650 rechargeable lithium-ion battery		
Charging time	No more than 3 hours		
Continuous operating time	No less than 20 hours on full charge		
Buzzer alarm	√		
Trigger lock	√		
Appointment measurement	√		
Date and time display	√		
12 or 24-hour clock	√		
LCD resolution	320 x 240 pixels		
Operating temperature and humidity	-10°C~50°C (14°F~122°F), <90%RH (non-condensing)		

Characteristics	
Standard accessories	Type-C data cable, type K thermocouple probe (bead type), gift box, toolbox, user manual
Power	Li-ion 3.7V 2600mAh 18650 rechargeable lithium-ion battery
Display	37 x 49mm
Product size	205 x 65 x 124mm
Product net weight	375g
Standard quantity per carton	1pc

UT306 SERIES

Mini Infrared Thermometers

UT306 series compact professional thermometer integrates multiple functions for convenient and efficient measurement, with different models featuring differentiated laser and screen types to meet diverse user requirements.

Product Highlights:

- ◆ Lock measurement
- ◆ MAX/MIN/AVG/DIF/HOLD modes
- ◆ Over-limit audible alarm
- ◆ Mini design

Specifications	UT306S	UT306C
Temperature range	-50°C~500°C	
Laser type	single	Ring
Display type	TN-LCD	EBTN-LCD
Unit selection	°C/°F	
Laser on/off	√	
Auto power off	√	
Low battery Indication	√	
Accuracy	±2°C or ±2%	
Resolution	0.1°C	
D:S ratio	12:1	
Response time	250ms	
Emissivity	0.10~1.00 Adjustable	
Laser class	Class 2	
Laser power	<1mW	
Laser wavelength	630nm~670nm	
Spectral response	8μm~14μm	
Operating temperature and humidity	0°C~50°C (32°F~122°F), <90%RH (non-condensing)	

Characteristics	
Power	1.5V AAA x 2
Product net weight	161.5g
Product size	146 x 78 x 45mm
Standard accessories	Batteries, user manual
Standard quantity per carton	20pcs
Standard carton measurement	515 x 375 x 175mm



UT306S



UT306C

D:S 12:1 **ε 0.1~1.0**
1m drop

UT309 SERIES

Professional Infrared Thermometers



UT309 series professional infrared thermometers are designed to meet some of the highest protection ratings in UNI-T's product line, IP65 and 3m drop proof. They are necessary tools for engineers and technicians working in various fields such as electrical distribution inspection, HVACR maintenance, transportation equipment inspection, instrument repair, and many more.

Product Highlights:

- ◆ High/Low temperature alarm
- ◆ MAX/MIN/AVG/DIF modes
- ◆ Lock measurement
- ◆ More durable, better grip
- ◆ Tripod mounting hole

All the models in this page share the same mold.

Specifications	UT309A	UT309C	UT309E
Temperature range (°C)	-35°C~450°C	-35°C~650°C	-35°C~850°C
Temperature range (°F)	-31°F~842°F	-31°F~1202°F	-31°F~1562°F
D:S ratio	10:1	12:1	20:1
Emissivity	0.95	0.1~1 adjustable	0.1~1 adjustable
Laser type	Single	Dual	Dual
LCD display	LCD	LCD	Color EBTN
Data storage with date and time			99
Scheduled measurement			√
Monitoring measurement			√
Accuracy (°C)	±1.8°C or ±1.8%		
Accuracy (°F)	±3.6°F or ±1.8%		
Unit switch	°C/°F		
Backlight	√		
Low battery indication	√		
Laser ON/OFF	√		
Resolution	0.1°C		
Response time	250ms (95% of reading)		
Laser type	Class 2		
Laser power	<1mW		
Laser wavelength	630nm~670nm		
Spectral response	8μm~14μm		
IP rating	IP65		
Drop proof	3m		
Operating temperature and humidity	0°C~50°C (32°F~104°F), <90% RH (non-condensing)		

Characteristics	
Standard accessories	Battery, user manual, gift box, carrying bag, blister
Power	9V battery (6F22)
Display	UT309A/C: 32 x 29mm; UT309D: 32 x 32mm
Product size	189 x 118 x 55mm
Product net weight	292g
Standard quantity per carton	10pcs



UT309E

D:S 10:1 (UT309A) **D:S 12:1** (UT309C)
D:S 20:1 (UT309E)
ε 0.95 (UT309A) **ε 0.1~1.0** (UT309C/E)
IP65 **3m drop**

High temperature LED indicator
Low temperature LED indicator



Environmental Testers

Our environment is seriously affected by the rapid economic growth and industrialization of today's society. Climate change is the toughest obstacle facing humanity today. Environmental indicators such as temperature, humidity, illumination, noise, dust, CO, CO2 are important data for ensuring a healthy living environment. UNI-T is committed to environmental monitoring by offering professional and comprehensive environmental testers. These meters output audio/visual alerts whenever environment data goes beyond normal/preset range.

UT377B Pin Moisture Meter



UNI-T



UT377B pin moisture meter is a reliable device with an color LCD screen for clear readings. It supports multiple wood species and building materials, features temperature compensation for accuracy. Ideal for wood, paper, plywood, furniture, and construction materials.

Product Highlights:

- ◆ Wood and building materials measurement
- ◆ 7 modes selectable
- ◆ Audible buzzer and analog bar alarm
- ◆ Max/Min/Data hold
- ◆ Ambient temperature measurement
- ◆ Self-test function

Specification	Range	Accuracy
Manual language	EN, FR, DE, IT, ES, SV, PL, CZ	
Moisture content measurement of wood	7.0~54.8%	±1%
Moisture content measurement of building materials	0.0~22.1%	±0.5%
Ambient temperature correction range	-5~+50°C	
Refresh rate	0.5s	
MAX/MIN	√	
Data hold	√	
High moisture alarm	√	
Auto power off	5 min	
Self-Test mode	√	
Low battery indication	√	
LED light	√	
Working environment	-5~50°C, ≤80%RH	
Storage environment	-40~70°C, ≤70%RH	
Drop-Proof	2m	

Characteristics

Power supply	2 x AAA battery
Product size	195 x 55 x 35mm
Product net weight	About 140g
Standard accessories	Pin Moisture Meter, Quick Start Guide, AAA Alkaline Battery x 2, Safety Guide
Standard quantity per carton	10pcs



UT-N11 (Optional)



UT337B

Laser Particle Counter



UT337B Air Particle Counter counts dust particles and size distribution in the clean environment, widely used in the Electronics Industry, Workshop, Optical or Precision Machining, Hospitals, Cleanroom, etc.

Product Highlights:

- ◆ 3.5" color LED screen
- ◆ ISO/EU-GMP judgement mode
- ◆ Temperature, humidity and dew point measurement
- ◆ 10000 groups of data storage
- ◆ APP and PC connection via WiFi and USB
- ◆ Integrated camera
- ◆ Hand strap design
- ◆ Data export

Specifications

Manual language	EN, FR, DE, IT, ES, SV, PL, CZ
System language	EN, FR, DE, IT, ES, SV, PL, CZ, CN
Particle size	0.3µm, 0.5µm, 1.0µm, 3.0µm, 5.0µm, 10.0µm (6-Channel)
Reference standard	ISO 21501-4-2018
Counting efficiency	0.3µm ≥ 50%; 0.5µm: 100%
Sampling flow	2.83L/min (±5%), 0.1CFM
Particle distribution error	≤ ±30% (0.5µm and 5.0µm)
Particle concentration error	≤ ±30FS (0.5µm)
Relative error of repeatability	≤10%
Purge time	≤10min
Maximum sampling concentration	2000000/L
Sampling time	5s~6h
Sampling points (Location)	1000
Sampling times	1000
Sampling delay	5~240s
Time interval	5~240s
Counting modes	Cumulative; Differential concentration/counting
Temperature (Range)	±0.5°C (-10°C~50°C)
Relative humidity (Range)	±5.0% (0.1%~99.9%)
Dew-Point temperature (Range)	±0.5°C (0°C~50°C)
Data storage	10000
Working time	About 5h
Laser class	Class 1
Working environment	0~50°C, 0~95% (Non-condensation)
Storage environment	-30~50°C, 0~95% (Non-condensation)

Characteristics

Battery	Rechargeable 2600mAh Li-ion battery
Product size	290 x 103 x 62mm
Product net weight	About 710g
Standard accessories	Laser Particle Counter x 1, Toolbox x 1, User Manual x 1, Download Guide of Common Files, USB Cable, Purge Filter, Sampling Tube, Hand Strap
Standard quantity per carton	1pc



Get the iENV APP!

- Generating testing report;
- Parameter setting;
- Export multiple test data: PDF/XLS/CSV.



UT381PV

Solar Irradiance Meter



UT381PV integrates four core measurement functions—irradiance, temperature, tilt angle, and orientation—making it a professional instrument for photovoltaic (PV) module testing. In addition to standalone measurements, it can also be used alongside a PV analyzer to obtain I-V characteristic curves, providing critical data for power generation performance analysis. It is ideal for PV installation, maintenance, and related applications.

Product Highlights:

- ◆ Multiple measurement targets: Irradiance, temperature, tilt angle, compass
- ◆ Inclination angle alarm
- ◆ Push-type suction-cup temperature probe
- ◆ UV-resistant housing, IP65 protection
- ◆ Wireless mobile APP connection

Specifications	Range	Resolution	Accuracy
Manual language	EN, FR, DE, IT, ES, SV, PL, CZ		
Irradiance	0~1400W/m ² 0~500Btu/(ft ² ·h)	1	±(5.0%rdg+5dgt)
Temperature	-40~120°C	0.1	±1°C (-10~75°C) ±2°C (others)
	-40~248°F	0.2/1 (>100°F)	±2°F (14~167°F) ±4°F (others)
Inclination angle	-90.0~+90.0°	0.1	±1.5° (-50~+50°) ±2.5° (-85~+50°, +50~+85°) ±3.5° (others)
Compass	0~360°	1	±7°
Data storage	12800 groups		
Storage intervals	1s~60min		
Sound prompt	√		
Auto power off	√		
APP	√		
Battery indication	√		
Battery life	≥95h		
Working altitude	≤2000m		
Working environment	-20°C~60°C, ≤90%RH		
Storage environment	-30°C~70°C, ≤80%RH		
IP rating	IP65		
Drop proof	1m		

Characteristics

Battery	2 x AA
Product size	201 x 54.2 x 33.7mm
Product net weight	About 198g (No battery included)
Standard accessories	Solar Irradiance Meter, cloth bag
Standard quantity per carton	2pcs



UT310A SERIES

Vibration Testers

Product Highlights:

- ◆ Acceleration/velocity/displacement measurement
- ◆ Come with flashlight
- ◆ 2.4" TFT color screen
- ◆ Automatically rotatable screen
- ◆ Rechargeable lithium battery

Models	UT311A	UT312A		
Manual language	EN, FR, DE, IT, ES, SV, PL, CZ			
Parameter	Range	Frequency	Resolution	Accuracy
Acceleration (PEAK)	0.1~199.9m/s ²	LO: 10Hz-1kHz HI: 1kHz-15kHz	0.1m/s ²	±(5%+2dgts)
Velocity (RMS)	0.1~199.9mm/s	10Hz-1.5kHz	0.1mm/s	
Displacement (P-P)	0.001~1.999mm	10Hz-1kHz	0.001mm	±(10%+2dgts)
Automatically rotatable screen	√			
High/Low frequency acceleration	√			
Datahold	√			
Flashlight	√			
LCD type	2.4" TFT color screen, full view			
LCD backlight	√			
Auto power off	5 minutes without operation			
Battery type	1350mAh/3.7V lithium battery			
Charging interface	Type-C			
Charging time	About 3h			
Battery duration	About 12h			

Characteristic	UT311A	UT312A
Standard accessories	Long and short probe, U-type magnetic sucker (UT312A only), USB-C charging cable, User manual, Safety instructions	
Product size	180 x 28 x 64mm (including the short probe)	168 x 28 x 64mm
Product weight	About 191g (including the short probe)	About 364g (including the short probe)
Standard quantity per carton	5pcs	



UT311A
All in one



UT312A
Split type

Multiple probes:



UT315A

Vibration Tester



UT315A handheld vibration testers can measure displacement, velocity, and acceleration of rotating and reciprocating machinery. Technicians can use these to monitor equipment status and ensure normal operation.

Product Highlights:

- ◆ Measures acceleration, velocity, displacement
- ◆ Multiple probes: long probe, short probe, magnetic sucker
- ◆ PC software connection via USB cable
- ◆ Highly accurate and precise
- ◆ 1999 groups of data storage

Specifications	UT315A
Acceleration (O-P)	0.1~199.9m/s ² ; Frequency response: 10Hz-10kHz Accuracy: ±(5%+0.2m/s ²)
Velocity (RMS)	0.01~19.99cm/s; Frequency response: 10Hz~1kHz Accuracy: ±(5%+0.02cm/s)
Displacement (P-P)	0.001~1.999mm; Frequency response: 10Hz~500Hz Accuracy: ±(5%+0.002mm)

Characteristics

Power supply	9V battery
Product size	166 x 80 x 30mm
Product net weight	395g
Standard accessories	User manual, 9V battery, long probe, short probe, magnetic sucker
Standard quantity per carton	1pc



UT315A



UT325F

4-Channel Thermometer

UT325F 4-Channel Thermometer is a high- accuracy digital thermometer that uses a thermocouple as the temperature probe.



Product Highlights:

- ◆ 7 types of thermocouples
- ◆ Set the thermocouple type of each channel separately
- ◆ Temperature difference
- ◆ Offset value compensation
- ◆ 72000 sets of data storage
- ◆ PC software and Bluetooth APP connection

Model	UT325F	
Manual language	EN, FR, DE, IT, ES, SV, PL, CZ	
Thermocouple types	Type K, J, T, E, R, S and N	
Measuring range	Type K thermocouple	-200.0°C~1372°C (-328.0°F~2501°F)
	Type J thermocouple	-210.0°C~1200°C (-346.0°F~2192°F)
	Type T thermocouple	-250.0°C~400.0°C (-418.0°F~752.0°F)
	Type E thermocouple	-150.0°C~1000°C (-238.0°F~1832°F)
	Type R thermocouple	0°C~1767°C (32°F~3212°F)
	Type S thermocouple	0°C~1767°C (32°F~3212°F)
	Type N thermocouple	-200.0°C~1300°C (-328.0°F~2372°F)
Display resolution	0.1°C/°F/K (<1000), 1.0°C/°F/K (≥1000)	
Accuracy	±(0.2%+0.5°C), ±(0.2%+0.9°F)	
Response time	About 500ms	
Measurement functions	Unit selection	°C/°F/K
	Data hold	√
	Auto power off	√
	Measurement modes	MIN/MAX/AVG
	Temperature difference	√
	Timing measurement	1s-24h adjustable
System functions	Data recording	√
	Backlight	Turn on/off
	Data transmission	Type-C USB, Bluetooth
	Battery status	√
Drop proof	1m	
Data storage	72,000 groups	
Operating temperature	-10°C~50°C (14°F~122°F)	

Characteristic	
Standard accessories	1.5V AAA battery x 3, Type-C charging cable, Type K thermocouple x 4, Cloth bag, Manual, Safety instructions
Product size	225 x 64.5 x 39.8mm
Power	3 x AAA alkaline zinc-manganese battery
Display size	36 x 49mm
Standard individual packing	Gift box



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UT320 SERIES

Mini Contact Type Thermometers



UT320 Series is a contact thermometer that uses thermocouples to measure target temperatures accurately and rapidly. With a wide temperature range, it supports both Type K and Type J thermocouples.

Product Highlights:

- ◆ Supports Type K and Type J thermocouple probes
- ◆ Mini design, easy to carry
- ◆ MAX/MIN/AVG
- ◆ °C/°F selection

Specifications	Range	UT320A	UT320D
Temperature measurement (K)	-50°C~1300°C	±(0.5%+1°C)	
Temperature measurement (J)	-50°C~1200°C	±(0.5%+1°C)	
Display mode		Single	Dual
Difference measurement (T1-T2)			√
Operating temperature	0°C~40°C		
Operating humidity	≤80%RH		

Characteristics	
Standard accessories	K-type temperature probe, batteries, English manual, Gift box
Power	1.5V battery (R03) x 3
Display	37.4 x 36.4mm
Product size	120 x 53 x 28mm
Product net weight	60g
Standard quantity per carton	20pcs
Standard carton measurement	332 x 225 x 200mm
Standard carton gross weight	3.4kg



UT320A (Single Channel)



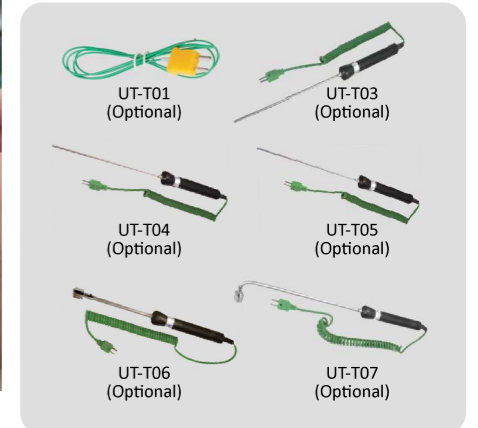
UT320A (Dual Channel)



UT320A



UT320D



UT325

Contact Type Thermometer

UT325 contact type thermometer provide fast, accurate, and precise temperature measurement with thermocouple temperature probes. Users can select single or dual input, record, and analyze data through PC software. UT325 can be used with a variety of temperature probes, satisfying multiple applications.



UT325



Product Highlights:

- ◆ Supports multiple types of thermocouples
- ◆ PC software connection
- ◆ Temperature offset setting
- ◆ Over-limit buzzer alarm and signal output
- ◆ MAX/MIN/AVG

Specifications	Range	Accuracy	
Single or dual input	Dual		
Temperature probe type	Type K	-200°C~1372°C (-328°F~2501°F)	±(0.2%+0.6)
	Type J	-210°C~1200°C (-346°F~2192°F)	±(0.2%+0.6)
	Type T	-250°C~400°C (-418°F~752°F)	±(0.2%+0.6)
	Type E	-150°C~1000°C (-238°F~1832°F)	±(0.2%+0.6)
	Type R	0°C~1767°C (32°F~3212°F)	±(0.2%+2)
	Type S	0°C~1767°C (32°F~3212°F)	±(0.2%+2)
	Type N	-200°C~1300°C (-328°F~2372°F)	±(0.2%+1.5)
Resolution	0.1°C (When value>999.9°C: 1°C)		
Units selection	°C/°F		
Data storage	99		
High/low signal output	√		
Operating temperature	-10°C to 50°C (1°F to 122°F)		
Storage temperature	-40°C to + 60°C (-14°F to +140°F)		

Characteristics

Standard accessories	Battery, USB interface cable, K-type temperature probe, English manual, Gift box
Power	USB or 9V battery (6F22)
Display	30 x 32mm
Product size	175 x 85 x 30mm
Product net weight	270g
Standard quantity per carton	10pcs
Standard carton measurement	405 x 290 x 165mm
Standard carton gross weight	4.3kg



UT320T

2 in 1 Thermometer

UT320T is a thermometer that combines infrared sensor and collapsible probe. Infrared measurement is used to quickly scan the surface temperature of an object and probe measurement can accurately measure the internal temperature.

Product Highlights:

- ◆ 2 in 1 measurement
- ◆ Max/Min/T1-T2/HOLD
- ◆ Lock measurement
- ◆ 180° collapsible probe

Model	UT320T	
Manual language	EN, FR, DE, IT, ES, SV, PL, CZ	
Infrared measurement	Measuring range	-40°C~300°C (-40°F~572°F)
	Temperature	Range Accuracy
		-40°C≤t≤0°C: ±(1.5+0.1× t)°C
	0°C<t≤300°C: ±2.0°C or ±0.02×t°C whichever is greater	
Distance to spot ratio (D: S)	8:1	
Emissivity	Adjustable (0.1~1.0)	
Response time	≤500ms (95% of reading)	
Laser	Class 2, single laser, power<1mW, wavelength 650±20nm	
Operating time	About 30h (laser and backlight on)	
Probe measurement	Measuring range	-40°C~300°C (-40°F~572°F)
	Accuracy	Range Accuracy
		-40°C≤t<0°C: ±2.0°C
	0°C<t≤300°C: ±1.0°C or ±0.01×t°C whichever is greater	
Probe type	NTC	
Minimum measuring depth	12.7mm	
Display size	18 x 28mm	
Operating time	About 180h (backlight on)	
Operating temperature	0°C~50°C (32°F~122°F)	
Storage temperature	-20°C~60°C (-4°F~140°F)	
Operating humidity	<90%Rh (non-condensing)	
Auto power off time	10min	

Characteristics

Power supply	1.5V AAA battery x 2
Product size	155 x 42 x 22.5mm
Product net weight	About 110g
Standard accessories	User Manual, 1.5V AAA battery x 2, Safety instructions
Standard quantity per carton	20pcs



IP54
 2m drop

D:S 8:1
 ε 0.1~1.0



A56 BT

Bluetooth Temperature Humidity Datalogger



A56 BT Bluetooth Temperature Humidity Datalogger is using high-accuracy digital temperature humidity module as the sensor. The datalogger can satisfy high-accuracy measurement and long-time temperature humidity record requirement in different conditions, widely used in the food processing, cold-chain transportation, storage and etc.

Product Highlights:

- ◆ Wide range and high accuracy
- ◆ Bluetooth APP and PC analysis software
- ◆ Audible and visible alarm
- ◆ IP54 protection
- ◆ 64000 sets of data storage
- ◆ Magnetic and wall-mounted design
- ◆ Long battery life: 2 years



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Specifications

Manual language	EN, FR, DE, IT, ES, SV, PL, CZ	
Temperature range	-40°C~85°C (-40°F~185°F)	
Humidity range	0%~100% RH	
Temperature	Range	Accuracy
	0°C ≤ t ≤ 60°C	±0.3°C
	-40°C ≤ t < 0°C	±0.5°C
	60°C < t ≤ 85°C	±0.6°F
	32°F ≤ t < 140°F	±0.9°F
Humidity	-40°F ≤ t < 32°F	±0.5°C
	140°F < t ≤ 185°F	±0.9°F
Humidity	0% ≤ RH ≤ 90%	±2.5%RH (25°C)
	90% < RH ≤ 100%	±3.5%RH (25°C)
Temperature/Humidity resolution	0.1°C (0.1°F)/0.1%RH	
Record capacity	64000 sets	
MAX/MIN/AVG	√	
Backlight	√	
Buzzer alarm	√	
PC software	√	
Mobile App	√	
Low battery indication	√	
Unit switch	°C, °F	
Record interval	10s~24h (Set through the PC/App)	
Start-up ways	Buttons/Software/Booking	
USB port	USB Type-C	
USB power supply	√	
Working time	2yr	
Hangings way	Rear magnetic or Wall mounting	
Working temperature and humidity	-40°C~+85°C, ≤99%RH	
Storage temperature	-40°C~+85°C (Not battery included)	

Characteristic

Battery type	Single-use Li-SOCI2 Battery 3.6V 2700mAh (ER14505)
Size	104 x 62 x 25mm
Weight	About 100g (Not battery included)
Standrad accessories	Gift box, quick start guide, safety instruction, download operation guide, battery, wall-mounted Screws x 2, expandable rubber plug x 2, USB cable
Standard quantity per carton	20pcs

A57 BT

Bluetooth Temperature Humidity Datalogger



A57 BT Bluetooth Temperature Humidity Datalogger is using built-in NTC temperature sensor. It supports connect external temperature and humidity probe, external NTC temperature sensor. The datalogger can satisfy high-accuracy measurement and long-time temperature humidity record requirement in different conditions, widely used in the food processing, cold-chain transportation, storage and etc.

Product Highlights:

- ◆ Built-in NTC temperature sensor
- ◆ Supports 3 types of sensor
- ◆ Bluetooth APP and PC analysis software via Type-C
- ◆ Audible and visible LED alarm
- ◆ Magnetic and wall-mounted design
- ◆ Long battery life: 2 years



Get the TempLink APP!

- Generating testing report;
- Parameter setting;
- Export multiple test data: PDF/XLS/CSV.



Specifications

Manual language	EN, FR, DE, IT, ES, SV, PL, CZ	
External Temperature Humidity sensor	Temperature	-40°C~85°C (-40°F~185°F)
	Humidity	0%~100% RH
Internal NTC Temperature Sensor	Range	Accuracy
	0°C ≤ t ≤ 60°C (32°F ≤ t ≤ 140°F)	±0.3°C (±0.6°F)
External NTC Temperature Sensor	-40°C ≤ t < 0°C (-40°F ≤ t < 32°F)	±0.5°C (±0.9°F)
	60°C < t ≤ 85°C (140°F < t ≤ 185°F)	±0.5°C (±0.9°F)
Internal NTC Temperature Sensor	Humidity	Accuracy
	0% ≤ RH ≤ 90%	±2.5%RH (25°C)
External NTC Temperature Sensor	90% < RH ≤ 100%	±3.5%RH (25°C)
	Range	Accuracy
Internal NTC Temperature Sensor	-40°C ≤ t ≤ 60°C (32°F ≤ t ≤ 140°F)	±0.4°C (±0.8°F)
	-40°C ≤ t < 0°C (-40°F ≤ t < 32°F)	±1.0°C (±2.0°F)
External NTC Temperature Sensor	60°C < t ≤ 85°C (140°F < t ≤ 185°F)	±1.0°C (±2.0°F)
	Range	Accuracy
Internal NTC Temperature Sensor	-40°C ≤ t ≤ 40°C (-4°F ≤ t ≤ 104°F)	±0.5°C (±0.9°F)
	-40°C < t < -20°C (-40°F ≤ t < -4°F)	±1.0°C (±2.0°F)
External NTC Temperature Sensor	40°C < t ≤ 85°C (104°F < t ≤ 185°F)	±1.0°C (±2.0°F)
	Temperature/Humidity resolution	0.1°C (0.1°F)/0.1%RH
Record capacity	64000 sets	
MAX/MIN/AVG	√	
PC software	√ (Type-C)	
Mobile App	√	
Unit switch	°C, °F	
Record interval	10s~24h (Set through the PC/App)	
Start-up ways	Buttons/Software/Booking	
Time of screen OFF	15s±2s (Set through the PC/App)	
Working time	2yr	
Working temperature and humidity	-40°C~+85°C, ≤99%RH	
Storage temperature	-40°C~+85°C (Not battery included)	

Characteristic

Battery type	Single-use Li-SOCI2 Battery 3.6V 2700mAh (ER14505)
Size	104 x 62 x 25mm
Standrad accessories	Gift box, quick start guide, safety instruction, download operation guide, battery, wall-mounted Screws x 2, expandable rubber plug x 2, USB cable, Temperature and humidity probe
Standard quantity per carton	20pcs

UT330 SERIES

USB Dataloggers



USB dataloggers can be used for long-term monitoring of environmental temperature and humidity, as well as storing and exporting data. It is mainly applied in warehouses, cold chain transportation, server rooms, and other similar applications.

Product Highlights:

- ◆ 64000 groups of data storage
- ◆ Adjustable logging interval
- ◆ Alarm threshold and mode setup
- ◆ Auto record time setup
- ◆ LED alarm
- ◆ °C/°F selection
- ◆ PC software connection via USB interface
- ◆ IP65 (Only UT330T)



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- Generating testing report;
- Parameter setting;
- Export multiple test data: PDF/XLS/CSV.



Specifications	UT330T	UT330TH	UT330THC
	Range	Accuracy	Accuracy
Temperature (°C)	-30.0°C~-20.1°C	±0.8°C	±0.4°C
	-20.0°C~-40.0°C	±0.4°C	±0.4°C
	40.1°C~70.0°C	±0.8°C	±0.4°C
Humidity (%RH)	0-99.9%RH		±2.5%RH
IP rating	IP65		±2.5%RH
Resolution	0.1°C		
Working environment	-30°C~70°C, ≤99%, non-condensable		

Characteristics	
Power	Button cell CR2032
Product size	UT330T: 38 x 96 x 14mm, UT330TH/UT330THC: 38 x 105 x 14mm
Standard individual packing	Blister, color card, user manual, download guide, battery, screw x2, holder
Standard quantity per carton	40pcs



UT330+ SERIES

Temperature Humidity Meters

UT330+ series meters measure temperature and humidity with low power consumption and high precision. The measured data can be saved and exported to PC software for further analysis. These meters can be used in factories, food, health, environmental protection, and other fields.

Product Highlights:

- ◆ Temperature, humidity, dew point and wet-bulb measurement
- ◆ PC software connection
- ◆ Offset setting
- ◆ Over-limit backlight alarm
- ◆ Real-time display

Specifications	Range	UT331+	UT332+
		Accuracy	
Temperature	-20.0°C~70.0°C	±0.5°C	±0.3°C
Dew point temperature	-78.2°C~70.0°C	±1°C	±0.8°C
Wet bulb temperature	-21.6°C~70.0°C	±0.5°C	±0.3°C
Humidity	0~99.9%RH	±3%RH	±2%RH
Data storage		299	999
Resolution		Temperature: 0.1C, Humidity: 0.1%RH	
Unit selections		°C or °F	
MAX/MIN/HOLD		√	
Auto power off		√	
Backlight		√	

Characteristics	
Standard accessories	Batteries, USB interface cable, English manual, Gift box, carrying bag
Power	1.5V battery (R03) x 4
Display	26.5 x 35.5 mm
Product size	185 x 54.8 x 33.8mm
Product net weight	130g
Standard quantity per carton	10pcs
Standard carton measurement	280 x 275 x 230mm
Standard carton gross weight	3.7kg



UT332+



UT337A

CO Meter

UT337A is a portable meter for detecting carbon monoxide gas. It can measure a wide range of CO concentration with short response time. Users can set up both audio and visual alarm. UT337A can be used in homes, restaurants, indoor parking lots, heating facilities, office buildings, and any other locations where combustion takes place.



UT337A

Product Highlights:

- ◆ Self-test sensor
- ◆ High/low limit setting with audible & visual alarm
- ◆ MAX concentration display
- ◆ Temperature measurement
- ◆ Zero setting and calibration

Specifications	Range	
CO range	0~1000ppm	
	20±5°C	±5% or 5ppm (whichever is greater)
CO accuracy	0°C~+40°C	±10% or 5ppm (whichever is greater)
	+40°C~+50°C	±10% or 10ppm (whichever is greater)
CO resolution	1ppm	
Response time	<60s (90% readouts)	
Sensor type	Electrochemical	
Sampling method	Diffusion	
Units selection	°C/°F	
Backlight	√	

Characteristics	
Standard accessories	Batteries, Gift box, English manual
Product size	197 x 54.8 x 33.8mm
Product net weight	140g
Standard quantity per carton	60pcs
Standard carton measurement	565mm x 430mm x 235mm (0.057CBM per standard carton)
Standard carton gross weight	15.6kg



UT333S

Digital Temperature Humidity Meter



UT333S is a stable, safe and reliable mini digital temperature humidity meter. With split type design, it is convenient to measure the temperature accurately in different environments. It is widely used in grain storage and transportation, material management, forestry and animal husbandry, healthcare, education, and home.

Product Highlights:

- ◆ Split-type probes for tight spaces
- ◆ °C/°F selection
- ◆ MAX/MIN/HOLD
- ◆ Mini design, easy to carry

Specifications	Range	Resolution	Accuracy
Temperature	-10°C~60°C/14°F~140°F	0.1°C/0.2°F	±1°C/±2°F
Humidity	0%RH~100%RH	0.1%RH	±5%
Operating environment	Indoor 0°C~40°C (<90%RH)		

Characteristics	
Standard accessories	Batteries, English manual, Gift box
Power	1.5V battery (R03) x 3
Display	32 x 35mm
Product size	110 x 53 x 26mm
Product net weight	310g
Standard quantity per carton	20pcs
Standard carton measurement	480 x 300 x 360mm
Standard carton gross weight	6.7kg



UT333S



UT334A

Radiation Dose Tester

UT334A is a handheld Radiation Dose Tester with high sensitive GM counter sensor, combined Beta(β), Gamma(γ), and X-ray radiation detection, it is widely used in, radiation processing enterprise, radiation therapy, nuclear laboratory, nuclear power plant, import and export inspection, and other environments existing ionizing radiation, personal radiation dose supervision and protection occasions.



UT334A



Product Highlights:

- ◆ TFT 2.0" color screen
- ◆ Scheduled measurement (00-999h)
- ◆ 10 groups of data storage
- ◆ Portable design
- ◆ High sensitive GM counter tube
- ◆ Combined Beta(β), Gamma(γ), and X-ray radiation
- ◆ Real-time, Average, and Cumulative dose display
- ◆ Over-limit audible and visual alarm

Specifications	Range
Detected rays	X, β and γ rays
Sensor	GM counter tube
Range	0.05uSv-50mSv
Accuracy	-17%~+25% based on ^{137}CSy
Charging interface	Type-C
Alarm response time	$t_d < 10\text{s}$
Alarm threshold accuracy	-17%~+25%
Alarm modes	Audible and visual alarms
Battery	Rechargeable 3.7V Li-ion 1800mAh
Battery duration	About 20 days (continuous measurement, particle sound off)
Calibration	√

General Characteristics	
Product color	Red and grey
Product net weight	127g
Product size	120 x 65 x 25mm
Standard accessories	Gift box, Manual, Carrying bag, Hand strap, USB cable
Standard quantity per carton	10pcs



UT343A

Coating Thickness Gauge

UT343A is used to measure the thickness of plated and coated sheets on ferrous/non-ferrous metal. It can measure coating thickness up to 1750 μm . Applications include: manufacturing industry, metal-processing industry, chemical industry, commodity inspection, laboratory, workshop and outdoor.



UT343A

Product Highlights:

- ◆ Rotatable EBTV screen
- ◆ Over-limit audible and visual alarm
- ◆ 199 groups of data storage
- ◆ Automatic substrate identification

Specifications	Range	Thickness	Resolution	Accuracy
Ferrous and non-ferrous substrates measurement (FE and NFE)	0~1750 μm	0~99.9 μm	0.1 μm	$\pm(3\%+1\mu\text{m})$
		100~1750 μm	1 μm	
	0~68.9mil	0~4.99mil	0.01mil	$\pm(3\%+0.04\text{mil})$
	5.0~68.9mil	0.1mil		
Display	EBTV color screen			
Measurement method	Single/continuous			
Units selection	$\mu\text{m}/\text{mil}$			
MAX/MIN/AVG	√			
Auto power off	√			
Calibration mode	√			
Low battery indication	√			

Characteristics	
Power	1.5V battery (LR03) x 2
Product color	Red and grey
Product net weight	About 111g
Product size	117mm x 53mm x 37mm
Standard accessories	User manual, standard coating thickness sheets, ferrous matrix and non-ferrous matrix, sensor protective cover, hand strap, USB cable, battery



UT343D/UT343E

Coating Thickness Gauge

UT343D/UT343E can measure coating thickness on ferrous and non-ferrous materials. It can be widely used in manufacturing, metal processing, chemical industry, commodity inspection and other detection areas.

Product Highlights:

- ◆ Auto rotatable screen
- ◆ Tri-color LED and audible alarm
- ◆ Multiple measurement modes
- ◆ High and low limit settings
- ◆ Conductive coating measurement
- ◆ PC software connection

Specifications	UT343D	UT343E
Measurement range	0~1250μm (0~49.2mmil)	0~2000μm (0~78.7mil)
Accuracy	±(3%+1)μm	±(2%+2)μm
Resolution	0.1μm (0~99.9μm) 1μm (100~1250μm)	0.1μm (0~99.9μm) 1μm (100~2000μm)
Data storage	500 sets	3300 sets
Application	Measuring Non conductive coating of FE or NFE	Measuring Non conductive coating of FE or NFE and conductive coating of FE
Bluetooth		√
Power supply	1.5V AA battery x2	3.7V 1300mAh Lithium battery
Voice broadcast	√	
Measurement method	Single/continuous	
Display screen	2" color TFT screen	
Metal type	Ferrous/non-ferrous	
PC software analysis	√	
Calibration	√	
Auto rotatable screen	√	
Unit conversion	μm/mil	
LED /Audio alarm	√	
Statistical measurement	MAX/MIN/AVG	
Matrix identification modes	Auto/manual	
Flashlight	√	
LCD brightness control	√	
Auto power off	5 minutes	
Low battery indication	√	

Characteristics	
Standard accessories	User manual, standard coating thickness sheets, ferrous matrix and non-ferrous matrix, sensor protective cover, hand strap, USB cable, battery
Product size	UT343D: 153.5 x 64.5 x 41mm; UT343E: 152 x 65 x 35mm
Product net weight	UT343D: 175g; UT343E: 180g
Standard quantity per carton	10pcs



UT343D



UT343E



Get the Smart Report-Thickness Tester APP!

- Generating testing report;
- Parameter setting;
- Export multiple test data: PDF/XLS/CSV.



UT345A

Ultrasonic Thickness Gauge

This product is an intelligent ultrasonic thickness gauge that adopts the latest high performance and low power consumption microprocessor technology. Based on the principle of ultrasonic measurement, it can measure the thickness and sound velocity of metal and other materials. It can detect the thinning of pipes and pressure vessels after corrosion, and can make accurate measurements of plates and machined parts. The gauge can be widely used in petroleum, chemical, metallurgy, shipbuilding, aviation, aerospace and other fields.

Product Highlights:

- ◆ Multiple modes: Single/continuous /sound velocity/auto calibration
- ◆ Rechargeable lithium battery
- ◆ 300 groups of data storage
- ◆ High precision split probe
- ◆ Multiple materials selection (Metal, plastic, ceramic, glass and etc.)
- ◆ Over-limit audible alarm

Specifications	Range
Display	2.4" LCD
Measurement range	1.00~300.00mm
Sound velocity range	(1000~9999) m/s
Unit	mm/in
Accuracy	H<10mm, ±0.1mm; H≥10mm, ±(1%H+0.1)mm
Lower limit of pipe measurement	Φ20×3mm (steel)
Data storage	300 groups, including material, sound velocity, unit, measured value, MAX, MIN and AVG of each group
Main functions	Single measurement, continuous measurement, alarm, sound velocity measurement, auto calibration
Charging specification	DC 5V 1A, Type-C interface
Operating time (full battery)	About 16h
Operating temperature and humidity	0°C~40°C 10%RH~80%RH
Storage temperature and humidity	-10°C~50°C 10%RH~70%RH
MAX/MIN/AVG	√

General Characteristics	
Battery	Built-in lithium battery (3.7V 2000mAh)
Product net weight	175g
Product size	140 x 66 x 28.5mm
Standard accessories	Gift box, English manual, Cloth bag, USB cable, Probe
Standard quantity per carton	5pcs



UT345A



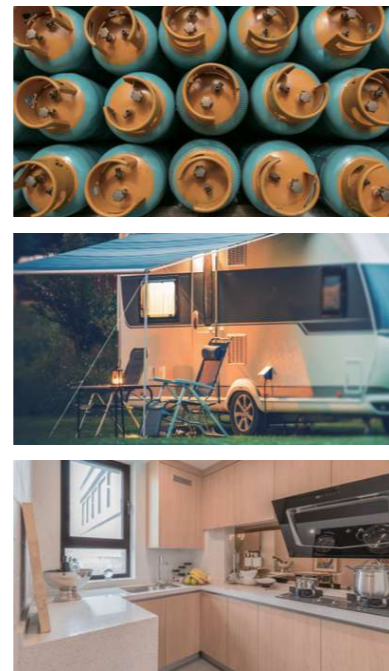
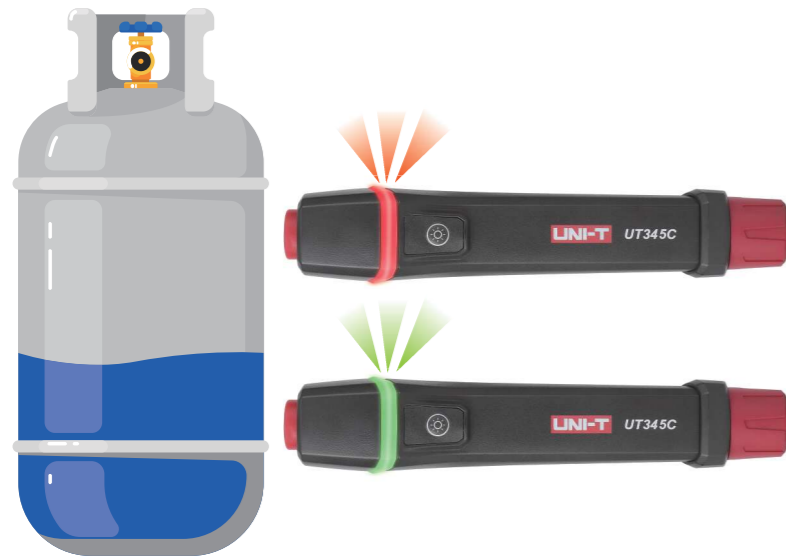
UT345C

LPG Tank Level Checker

UT345C is a portable LPG tank level checker adopting ultrasonic detection technology. This product can quickly determine how much gas is left in the tank by LED indication. It is easy to use, accurate and reliable.

Product Highlights:

- ◆ Pen-like design, compact and portable
- ◆ Simple determination without additional accessories required
- ◆ Red and green LED indication
- ◆ Easy to measure
- ◆ Come with a flashlight



Specifications	Instructions
Manual language	EN, FR, DE, IT, ES, SV, PL, CZ
Applicable gas tanks/bottles	Steel and aluminum standard propane or butane LPG (liquefied petroleum gas) storage tanks with 8-14 inches (approx. 200-350mm) in diameter
LED indication	Green: Liquid detected at this level Red: No liquid Green and red keep flashing: Measuring
Sound indication	v
Measurement method	Press the probe 90 degrees vertically at different positions of the bottle to measure and then check the LED color
Operating temperature/humidity	-15~40°C ≤85%RH
Storage temperature	-10~60°C ≤75%RH
Drop test	0.5m
General Characteristics	
Power	AAA battery x2
Product color	Red and grey
Product size	31.5 x 27 x 143mm
Standard accessories	User manual, Safety instructions, Batteries
Standard quantity per carton	20pcs



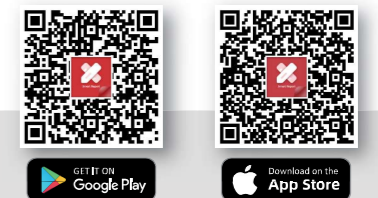
UT347A

Leeb Hardness Tester

UT347A Leeb Hardness Tester features high accuracy, small size and easy operation. It supports thermal printing and is especially suitable for field hardness testing of large equipment such as roller turboshaft, pressure vessel and turbine set. It is widely used in petrochemical, electric power, automobile, shipbuilding, machinery manufacturing and other industries.

Product Highlights:

- ◆ 6 hardness scales (HL, HB, HRC, HRB, HV, HS) for real-time measurement
- ◆ 7 optional impact devices
- ◆ Automatic identification without calibration when replacing impact device
- ◆ 4 measurement modes: statistical, multi-unit, line chart, histogram
- ◆ Camera: 640 x 480 pixels
- ◆ Mobile phone Bluetooth APP and PC software analysis data
- ◆ Support thermal printing
- ◆ Automatic alarm when the upper and lower limits are exceeded
- ◆ Tri-color LED indication and LED flashlight



Get the Smart Report-Hardness Tester APP!

- Generating testing report;
- Parameter setting;
- Export multiple test data: PDF/XLS/CSV.

Functions	Impact device type	Standard Richter block hardness value	Resolution	Error value	Indication repeatability	Instructions
Hardness measurement	D	790±40HLD 530±40HLD	1HLD	±6HLD ±10HLD	6HLD 10HLD	Standard hardness blocks: 1. Standard type-D Richter hardness blocks grade A, uniformity ±1HLD; 2. Standard type-G Richter hardness blocks, grade A, uniformity ±1HLG;
	DC	790±40HLDC 530±40HLDC	1HLDC	±6HLDC ±10HLDC	6HLDC 10HLDC	
	DL	894±40HLDL 736±40HLDL	1HLDL	±12HLDL	12HLDL	
	D+15	795±40HLD+15 544±40HLD+15	1HLD+15	±12HLD+15	12HLD+15	
	G	590±40HLG 500±40HLG	1HLG	±12HLG	12HLG	
	E	755±40HLE 508±40HLE	1HLE	±12HLE	12HLE	
	C	851±40HLC 590±40HLC	1HLC	±12HLC	12HLC	
Measuring range	170-960 HLD					
Display	2.8-inch 320 x 240 graphic dot matrix color TFT screen.					
Camera	Pixels: 640 x 480					
Material selection	Steel and cast steel, alloy tool steel, stainless steel, forged steel, cast aluminum alloy, copper zinc alloy, copper tin alloy, gray cast iron, nodular cast iron, pure copper					
Hardness scale	HL, HB, HRC, HRB, HV, HS					
Strength unit	ob (tensile strength)					
Impact direction	0°, 45°, 90°, 135° and 180°					
Measurement modes	Statistical, multi-unit, line chart, histogram					
Alarm	Red, green, yellow LED					
Statistical measurement	MAX/MIN/AVG					
Thermal printing	√					
Data storage	900groups					
Voice prompt	√					
Bluetooth	√					
USB communication	√					
PC analysis software	√					
Low battery indication	√					
Auto power off	1/5/10/30 minutes or cancel					
External power source	Power adapter requirements: DC5V 2A Type-C connector					
Charging time	2~4h					
Operating temperature	0~40°C ≤80%RH					
Storage temperature	10~50°C ≤75%RH					

Characteristics	
Standard accessories	Type-D impact device, Nylon brush, Type-C USB cable, user manual, Download guideline, printing paper, toolbox, standard block
Power	3.7V 2500mAh lithium battery
Product size	95 x 198 x 70mm
Product net weight	5.5kg
Standard quantity per carton	1pc



UT352 Sound Level Meter

UT352, as a professional sound level meter, not only measures environmental noise but also features A-weighting and C-weighting options, data storage, and signal output functions. It is widely used in factories, road traffic, offices, and other scenarios.

Product Highlights:

- ◆ MAX/MIN/HOLD
- ◆ A (ear)/C (machine) weighted modes
- ◆ Data storage
- ◆ Simulated analog bar
- ◆ Manual/auto range selectable
- ◆ AC/DC signal output

Specifications	UT352
Range	30~130dB
Accuracy	±1.5dB
Frequency	31.5Hz~8000Hz
Frequency weighting	A&C
Sampling rate (Fast)	8 times/s
Sampling rate (Slow)	1 time/s
Data storage	63
Analog outputs (AC)	0.707Vrms full scale; Output impedance: around 600Ω
Analog outputs (DC)	2Vrms full scale; 10mV/dB; Output impedance: around 100Ω
Over range indication	√
Auto power off	√
CAL potentiometer	√

Characteristics	
Standard accessories	Windscreen, leather box, English manual, battery
Power	1.5V battery (LR6) x 4 or power adapter
Display	53 x 41mm
Product size	273 x 70 x 39mm
Product net weight	330g
Standard quantity per carton	10pcs
Standard carton measurement	670 x 415 x 120mm
Standard carton gross weight	7.3kg



UT352



UT362H

Hot Wire Anemometer

UT362H Hot Wire Anemometer is an ideal choice for measuring wind velocity, wind temperature and wind volume due to its outstanding stability, security and reliability. It is widely used in the fields of Electric Power, Navigation, Fan Manufacturing, HVAC/R, Outdoor and etc.

Product Highlights:

- ◆ Split design
- ◆ Retractable rod in aluminum alloy
- ◆ Platinum resistance sensor
- ◆ 99 sets of data storage
- ◆ Wind velocity/volume/temperature measurement
- ◆ Low wind measurement

Specification

Manual language	EN, FR, DE, IT, ES, SV, PL, CZ		
Functions	Range	Accuracy	
Wind velocity measurement	0~30.0m/s	±(4% of reading +0.1m/s)	0~9.99: 0.01 10.0~999.9: 0.1 1000~9999: 1
	0~108.0km/h	±(4% of reading +0.4km/h)	
	0~58.3knots	±(4% of reading+0.2knots)	
	0~5906fpm	±(4% of reading+20fpm)	
	0~67.1mph	±(4% of reading+0.3mph)	
Wind flow (Volume) measurement	0~11bft	±1 bft	1
	0~999900m ³ /min		0.001~100
	0~999900CFM	/	
	0~999900L/s		
Wind temperature measurement	0°C~40°C	±0.5°C	0.1
	-20~0°C or 40~70°C	±0.8°C	0.1
	32~104°F	±0.9°F	0.1
	-4~32°F or 104~158°F	±1.5°F	0.1
Wind pipe forms	Circular, Rectangular, Area		
Units	Sectional area		m ² , ft ²
	Wind flow		m ³ /min, CFM, L/s
	Wind velocity		m/s, km/h, fpm, mph, knots, bft
	Wind temperature		°C/°F
Power-on warm-up time	5s		
Measuring mode for wind velocity	Fast or Slow		
Data hold	√		
Statistical measurement	MAX/MIN/Timing Mean/Multipoint Mean		
Data storage	99 sets		
LCD backlight	√		
Auto power off	√		
Flexible probe length	120cm		
Operating temperature and humidity	0~40°C, ≤80%RH		
Storage temperature and humidity	-20~60°C, ≤80%RH		

Characteristics

Battery	1.5V (AAA) x 3pcs
Product size	180.3 x 63.0 x 40.1mm (Only the machine body)
Product net weight	About 312g, not battery included
Standard accessories	Gift box, quick start guide, safety instruction, cloth bag, AAA Alkaline Battery x 3
Standard quantity per carton	5pcs



UT360 SERIES

Anemometers



UT360 series anemometers can measure temperature, wind speed, and wind count. These meters can be used in energy saving, HVAC, fishing and other industries that use exhaust or ventilation systems.

Product Highlights:

- ◆ Unit switch
- ◆ Wind count measurement
- ◆ Split type design
- ◆ PC software connection via USB interface (Only UT362)
- ◆ MAX/MIN/HOLD
- ◆ Auto record time setup
- ◆ Data storage

Specifications	Range	UT361	UT362
Wind speed measurement	2m/s~10m/s 10m/s~30m/s	±(3%+0.5) ±(3%+0.8)	
Wind count measurement (CMM)	0.001~9999 x 100		
Wind count measurement (CFM)	0.001~9999 x 100		
Temperature measurement	0°C~40°C (32°F~104°F)	±3°C (±4°F)	
Display count		10000	
Data storage		2044	
USB interface			√

Characteristics

Standard accessories	Battery, USB interface cable (UT362), software(UT362), English manual, Gift box
Power	9V battery (6F22)
Display	57 x 37mm
Product size	166 x 80 x 34.4mm
Product net weight	375g
Standard quantity per carton	10pcs
Standard carton measurement	460 x 335 x 210mm
Standard carton gross weight	6.8kg



UT362



UT363S

Digital Anemometer

UT363S is a stable, safe and reliable split-type anemometer, featuring quick detection, low consumption and high accuracy. It can be widely used in mining, electrical, iron and steel, petrochemical, energy-saving, navigation, fan manufacturing, exhaust ventilation, sporting and more sectors.



UT363S



Product Highlights:

- ◆ Mini design, easy to carry
- ◆ Split type design
- ◆ MAX/MIN/AVG/HOLD
- ◆ LCD backlight
- ◆ Temperature measurement
- ◆ Unit switch

Specifications	Range	Accuracy
Wind speed	0.4~30m/s	±(5%+0.5m/s)
	1.4~108km/h	±(5%+1.5km/h)
	78~5905ft/min	±(5%+100ft/min)
	0.7~58knots	±(5%+1knots)
	0.8~67mph	±(5%+1mph)
Temperature	-10~50°C/14~122°F	±2°C/±4°F
Wind scale	0~12	±1
Sampling rate	0.5s	
Units	m/s, km/h, ft/min, knots, mph, °C/°F	
Working temperature	0°C~40°C	

Characteristics	
Standard accessories	Batteries, English manual, Gift box, Blister
Power	1.5V battery (R03) x 3
Display	35 x 32mm
Product size	120 x 53 x 43mm
Product net weight	365g
Standard quantity per carton	20pcs
Standard carton measurement	550 x 295 x 350mm
Standard carton gross weight	7.2kg



UT366A

Digital Manometer

UT366A is an instrument for measuring gauge pressure and differential pressure. UT366A can measure P1/P2 pressure independently with LED indication. It can be widely used in industrial manufacturing, HVAC, plumbing and other industries. Combined with an optional pitot tube, UT366A can also measure wind speed.

Product Highlights:

- ◆ Mini design, easy to carry
- ◆ Wind speed measurement by connecting pitot tube
- ◆ LED Indicator Lights
- ◆ P1/P2 measure independently

Specifications	UT366A
Measurement range	Resolution
0.00~±15.00 kPa	0.01 kPa
0.0~±150.0 mbar	0.1 mbar
0.000~±0.150 bar	0.001 bar
0.000~±2.175 psi	0.001 psi
0.0~±112.5 mmHg	0.1 mmHg
0.00~±60.29 inH ₂ O	0.01 inH ₂ O
0.000~±4.429 inHg	0.001 inHg
0.00~±34.80 ozin ²	0.01 ozin ²
0.000~±0.152 kgcm ²	0.001 kgcm ²
0.000~±5.026 ftH ₂ O	0.001 ftH ₂ O
0.0~±1531 mmH ₂ O	1mmH ₂ O
0.0~±150.0 hPa	0.1 hPa
0.0~19999.9 m/s	0.1 m/s
0~199999 fpm	1 fpm
Accuracy	±0.5% FS@25°C
Unit conversion	kPa, mbar, bar, psi, mmHg, inH ₂ O, inHg, ozin ² , kgcm ² , ftH ₂ O, mmH ₂ O, hPa, m/s (fpm)
Auto power off	5 Minutes
Low battery indication	√
LCD Type	√
Backlight	White
LED Indication	positive pressure: green light negative pressure: red light
Operating temperature/humidity	0~50°C ≤85%RH
storage temperature/humidity	-10~60°C ≤75%RH

Characteristics	
Standard accessories	Battery, hose, Carrying bag, magnetic hook, English manual, Gift box
Power	3 x 1.5V (AAA)
Display	31 x 32mm
Product size	53 x 30 x 137.8mm
Standard quantity per carton	10pcs



UT366A



Pitot tube (Optional)

UT370 SERIES

Tachometers

UT370 series non-contact tachometers measure rotating speed of shaft or disk with a point laser and reflective tape (on the object being measured). These meters can output RPM or count readouts without interfering with the equipment in operation.

Product Highlights:

- ◆ Non-contact measurement, using photoelectric sensor
- ◆ High precision sensor, stable performance
- ◆ PC software connection via USB interface (UT372 only)

Specifications	Range	UT371	UT372
RPM range	10RPM~99.999RPM	0.001	
	100RPM~999.99RPM	0.01	
	1000RPM~9999.9RPM	0.1	
	10000RPM~99999RPM	1	
Accuracy		±0.04%+2	
Counts	Range: 0~99999	√	√
Target distance	50mm~200mm	√	√
Data hold		√	√
Auto power off		√	√
Low battery indication		√	√
MAX/MIN/AVG mode		√	√
USB interface			√

Characteristics	
Standard accessories	Reflective tape, English manual, blister, Software CD (UT372 only)
Power	1.5V battery (LR6) x 4
Display	53 x 41mm
Product size	184 x 56 x 34mm
Product net weight	100g
Standard quantity per carton	10pcs



UT372

UT372D

2 in 1 Tachometer

UT372D is a reliable and safe tachometer, which combines contact and non-contact measurement modes. It is mainly used to measure Revolutions Per Minute (RPM), frequency, surface velocity and length in the fields of motors, fans, automobiles, etc.

Product Highlights:

- ◆ Contact and non-contact measurements
- ◆ MAX/MIN/AVG/HOLD
- ◆ Rotatable FSTN backlight screen
- ◆ Unit conversion
- ◆ Bluetooth
- ◆ Multiple probes
- ◆ 10 groups of data storage
- ◆ Two measurement buttons

Specifications	Range	
Non-contact (optical) measurement	Rotational velocity (RPM)	1-99,999
	Frequency (HZ)	1-1,666
	Count	1-99,999
Contact measurement	Rotational velocity (RPM)	1-19,999
	Frequency (HZ)	1-333
	Surface velocity	0.1m wheel: 0.1-1,999m/min, 0.4-6,550ft/min, 4-78,700in/min 6" wheel: 0.15-1,524m/min, 0.5-5,000ft/min, 6-60,000in/min
	Length	0-99999 (m/ft/in)
Accuracy	±0.02% ±1 digit	
Measurement modes	Contact RPM/Non-contact (optical) RPM Count /Frequency /Surface velocity/Length	
Contact measurement unit	m/min, ft/min, in/min, m, ft, in	
Length unit	m, foot, inch	
Statistical measurement	MAX/MIN/AVG/HOLD	
Data storage	10 groups	
Bluetooth	√	
Screen	FSTN, backlight, rotatable	
Operating temperature/humidity	0°C~50°C; ≤80%RH	
Storage temperature	-20°C~60°C	
Drop test	1m	
Auto power off	√	
Tripod hole	√	

Characteristics	
Power	3 x AAA batteries
Display	36 x 49mm
Product size	176 x 63 x 38mm



UT372D



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Shaft contact (internal cone)



Shaft contact (cone)



6 inches wheel



0.1m wheel



UT373

Mini Tachometer

UT373 is a digital non-contact tachometer used to measure rotation speed of motors and other machines. This device is able to display results in RPM or revolution count. UT373 is able to safely measure rotational objects through a non-intrusive method.



UT373



Product Highlights:

- ◆ Non-contact measurement, using photoelectric sensor
- ◆ High precision sensor, stable performance
- ◆ Mini design, easy to carry

Specifications	Range	Resolution	Accuracy
RPM measurement	10.0~9999.9RPM	0.1	±(0.04%+2)
	10000~99999RPM	1	
Counting measurement	0~99999 counts	1	±1
Auto range	√		
Auto power off	√		
Low battery indication	√		
Data hold	√		
MAX/MIN	√		
Overload indication	√		
LCD backlight	√		
Sensor type	Photodiode and laser tube		
Target distance	50mm~200mm		
Drop test	1m		

Characteristics	
Standard accessories	Batteries, reflective tape, English manual, Gift box
Power	1.5V battery (R03) x 3
Display	5-digit segment code; 99999 max display
Product size	120 x 53 x 28.5mm
Product net weight	85g (excluding battery)
Standard quantity per carton	20pcs

UT377A

Mini Wood Moisture Meter



UT377A is a pin-type meter designed to measure the moisture content of wood, paper, plywood, and other wooden materials. This device classifies wood into four categories based on material density, and applies temperature compensation algorithm to ensure measurement accuracy. UT377A's miniature design, low power consumption, and high precision all make this a great product choice for measuring wood moisture content.

Product Highlights:

- ◆ Non-contact measurement, more accurate
- ◆ Ambient temperature: -10~60°C
- ◆ 1 meter drop proof
- ◆ 4 types wood categories

Specifications	Range	Resolution	Accuracy
Wood moisture	2~40%	0.1%	±2%
Refresh rate	2 times/s		
Operating temperature	0°C~40°C		
MAX/MIN/HOLD	√		
Auto power off	√		
Backlight	√		
Low battery indication	√		

Characteristics	
Standard accessories	Batteries, English manual, Gift box
Power	1.5V battery (R03) x 3
Display	35 x 32mm
Product size	135 x 53 x 28mm
Product net weight	130g
Standard quantity per carton	20pcs



UT377A



UT377C

Pinless Moisture Meter



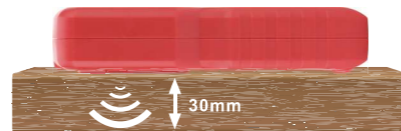
UT377C is a Moisture Meter measured in contact or induction way, testing the moisture content without damaging the wood and building materials. It is widely used in the industries of wood processing, architectural decoration, quality control, and etc.

Product Highlights:

- ◆ Non-destructive testing
- ◆ Anti-grip interference
- ◆ Measured depth: 30mm
- ◆ Ambient temperature measurement
- ◆ Come with flashlight
- ◆ 4 Measurement modes
- ◆ Wood and building materials measurement

Specifications				
Manual language	EN, FR, DE, IT, ES, SV, PL, CZ			
Functions	Types	Test range	Resolution	Value error
Wood & Building materials measurement	Softwood	4~32%	0.1%	±4%
	Hardwood	4~32%	0.1%	
	Drywall	0~99.9%	0.1%	Unspecified
	Masonry	0~99.9%	0.1%	
Temperature measurement	°C/°F	-20~70°C	0.1°C	Unspecified
Sensor size	50 x 50mm			
Minimum target size	50 x 50mm			
Target thickness range	6~30mm			
Screen display	EBTN Color Screen			
Simulation bar indication	√			
Audible alarm indication	√			
Flashlight	√			
Auto power off	√			
Measurement modes	Softwood, Hardwood, Drywall, Masonry			
Auto power off	Auto power off in 5 minutes			
Work environment	0~40°C ≤80%RH			
Storage environment	-20~60°C ≤75%RH			

Characteristics	
Power supply	AAA Alkaline Battery x 3
Product size	152 x 70 x 30mm
Product net weight	160g
Standard accessories	User Manual, Cloth Bag, AAA Alkaline Battery x 3
Standard quantity per carton	20pcs



UT381A

Illuminance Meter

UT381A is a safe and reliable digit light meter with wide range measurement. This meter measure light intensity and display results in lux or Fc. It is widely used in lighting applications, laboratory, office, street lights construction, commercial venue and others.

Product Highlights:

- ◆ Wide measurement range: 0~400000 lx
- ◆ Probe of integrated, split and rotatable design
- ◆ Data storage
- ◆ Bluetooth APP connection
- ◆ Color Correction Coefficient (CCF)
- ◆ Real-time display

Model	UT381A	
Manual language	EN, FR, DE, IT, ES, SV, PL, CZ	
Range	0~400000 lx	
Resolution	0~99.99 lx (99.99 fc)	0.01lx (0.01 fc)
	100~999.9 lx (999.9 fc)	0.1 lx (0.1fc)
	1000~400000 lx (37160 fc)	1 lx (1fc)
Accuracy	±3% calibration as per standard light source when in 2856K. ±6% calibration as per other visual light source.	
Unit switch	lx, fc, 1fc=10.764 lx	
Auto range switch	√	
Data hold	√	
Color correction coefficient (CCF)	√	
Backlight	√	
Bluetooth	√	
Data record	99 sets	
Record Interval	1~59 seconds	
Measuring methods of probe	Integrated (rotatable), split design	
Real-time	Time is automatically updated with manual setting or phone APP connection.	
Over-range Indication	OL display	
Battery life	Over 100 hours (Alkaline batteries, Bluetooth and Backlight is off.)	
Working temperature and humidity	-10°C~50°C, <90%Rh (non-condensing)	
Storage temperature and humidity	-20°C~70°C, <80%Rh (non-condensing)	

Characteristics	
Power supply	AAA battery x 3
Product size	178 x 64.5 x 39.8mm
Product net weight	257g
Standard accessories	Quick Start Guide, AAA battery x 3, Safety instructions, Type-C charging cable, Strap
Standard quantity per carton	5pcs



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UT383S

Digital Light Meter

UT383S is an Illuminance Meter with high accuracy and split design, which makes users feel convenient to measure. It is widely used in the publics, studios, offices, greenhouses, etc.



Product Highlights:

- ◆ Mini design, easy to carry
- ◆ Split type design
- ◆ MAX/MIN/HOLD
- ◆ LCD backlight
- ◆ High accuracy sensor
- ◆ Unit switch

Specifications	Range	Resolution	Accuracy
Illuminance	0~199,900Lux	1Lux (0~9999Lux)	±(4%+8)
		10Lux (≥10,000Lux)	±(5%+10)
		100Lux (≥100,000Lux)	±(5%+10)
		0.1Fc (0~999.9Fc)	±(4%+8)
		1Fc (≥1000Fc)	±(5%+10)
		10Fc (≥10,000Fc)	±(5%+10)

Characteristics	
Standard accessories	Batteries, English manual, Blister, Gift box
Power	1.5V battery (R03) x 3
Display	35 x 32mm
Product size	110 x 53 x 26mm
Product net weight	300g
Standard quantity per carton	20pcs
Standard carton measurement	560 x 300 x 335mm
Standard carton gross weight	6.9kg



UT385

Laser Power Meter

UT385 is a stable and reliable laser power meter, which can be used to measure the energy output of laser beams. It is widely applied in laboratories, laser equipment manufacturing enterprises, industrial and mining industries, and other fields.

Product Highlights:

- ◆ Split type design
- ◆ Supports multiple wavelengths
- ◆ Allows for customizable wavelength settings
- ◆ 199 groups of data storage
- ◆ Over-limit audible alarm
- ◆ PC software analysis

Specifications	Range
Measurement range	0μW~39.99mW
Measurement accuracy	0μW~10μW: ±(5%+0.3); 10μW~39.9mW: ±5%
Measurement resolution	0μW~399.9μW: 0.1μW; 0.400mw~3.999mW: 0.001mW; 4.00mw~39.99mW: 0.01mW
Laser wavelength range	400nm~1100nm
Laser wavelength preset options	520nm, 633nm, 650nm, 780nm
Sampling rate	0.5s
Data storage	199 sets
Battery indication	√
LCD backlight	√
Auto power off	√
Operating temperature	0~40°C
Operating humidity	80%RH (no condensation)
Storage temperature	-10°C~50°C

Characteristics	
Power	9V battery (6F22)
Product net weight	319g
Product size	198 x 104 x 35mm
Standard accessories	Battery, USB cable, documents download guide, English manual
Standard individual packing	Gift box, tool box
Standard quantity per carton	1pc



MINI SERIES

Mini Environmental Meters

Mini Series offers compact, portable models capable of measuring temperature, humidity, wind speed, and illuminance. For convenience, the BT model support Bluetooth connectivity with iENV, enabling seamless data analysis, storage, and export functions.



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- Parameter setting;
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Mini Temperature Humidity Meters		
Specifications	UT333	UT333BT
Temperature range	-10°C~60°C/14°F~140°F	
Temperature accuracy	±1°C/±2°F	
Humidity range	0%RH~100%RH	
Humidity accuracy	±5%RH	
Bluetooth		√
Product size	155 x 50 x 28mm	137 x 55 x 28mm



Mini Sound Level Meters		
Specifications	UT353	UT353BT
Noise (A weighted)	30~130dB	
Accuracy	±1.5dB	
Frequency range	31.5Hz~8kHz	
Sampling rate	Fast: 125ms; Slow: 1000ms	
Bluetooth		√
Product size	150 x 52 x 27mm	154 x 55 x 28mm



Mini Anemometers		
Specifications	UT363	UT363BT
Wind speed	0~30m/s	
Wind speed accuracy	±(5%rdg+0.5)	
Temperature	-10~50°C/14~122°F	
Temperature accuracy	±2°C/±4°F	
Wind scale	Level 0~12	
Bluetooth		√
Product size	160 x 50 x 28mm	163 x 55 x 28mm



Mini Light Meters		
Specifications	UT383	UT383BT
Illuminance measurement (Lux)	0~199,900Lux	
Illuminance measurement (Fc)	0~18,500Fc	
Accuracy	0-9999Lux	(4%rdg+8dgts)
	≥1000Lux	±(5%rdg+10dgts)
	≥10000Lux	±(5%rdg+10dgts)
Bluetooth		√
Product size	160 x 50 x 28mm	163 x 55 x 28mm



A12T/A13T

Temperature Humidity Meters

A12T/A13T measures real-time temperature and humidity and displays readings on a large screen. It can be used for both indoor and outdoor measurements.

Product Highlights:

- ◆ 4.3" large screen display, temperature and humidity simultaneously
- ◆ Multiple mounted ways: table mount stand and hanging hole
- ◆ External probe up to 2 meters (A12T)



A12T



A13T

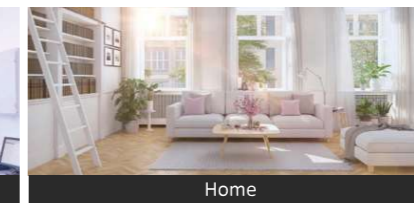
Specifications	A12T	A13T
Temperature range (°C)	-10°C~50°C	
Temperature accuracy	±1°C (0~40°C)	
Humidity range	10%~99%RH	20%~95%RH
Humidity accuracy	±5%RH (40%~80%RH)	
°C/°F selection	√	√
Sampling time	10s	10s
MAX/MIN	√	
Alarm clock/time display	√	√
Date/calendar		√
12/24 hour modes	√	√
Comfort level	√	
External probe	√	

Characteristics

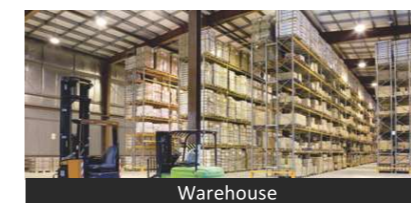
Standard accessories	Batteries, English manual, Gift box, Probe (A12T only)
Power	1.5V battery (R03) x 1
Display	92.5 x 60mm
Product size	130 x 22 x 78mm
Product net weight	110g
Standard quantity per carton	80pcs



Office



Home



Warehouse



Greenhouse

A25D PM2.5 Meter

A25D is a desktop air quality monitor designed for real-time detection of PM2.5 concentration in the environment, with alerts for elevated levels. It is widely used in homes, shopping malls, offices, train stations, and other public spaces.



A25D

Product Highlights:

- ◆ Precise PM2.5 concentration based on pre-calibrated sensors
- ◆ 3" large screen display
- ◆ Temperature and humidity measurement
- ◆ Emotion display
- ◆ Rechargeable Li-ion battery
- ◆ Audible and visible alarm

Specifications	Range	A25D
PM2.5 (ug/m ³)	0~100	±(10ug/m ³ +10dpts)
	101~400	±(10%+30dpts)
	401~500	±(10%+50dpts)
Temperature	-10°C~50°C	±1°C
Humidity	5%~99%RH	±5%RH@30%~80%RH ±8%RH@<30%RH, >80%RH

Characteristics	
Standard accessories	Gift box, User manual, USB cable
Power	1500mAh Li-ion battery
Product size	75 x 55 x 130mm
Product net weight	About 230g
Standard quantity per carton	5pcs



A37 CO₂ Meter



A37 is a desktop carbon dioxide (CO₂) monitor designed for real-time detection of CO₂ concentration, temperature, and humidity in the environment. It features audible and visual alarms for high CO₂ levels and is widely used in homes, shopping malls, offices, vehicles, train stations, and other public spaces.

Product Highlights:

- ◆ High precision NDIR (on-Dispersive Infrared) sensor
- ◆ 3" large screen display
- ◆ Temperature and humidity measurement
- ◆ Rechargeable Li-ion battery
- ◆ Audible and visible alarm
- ◆ Emotion display
- ◆ Automatic and manual calibration

Specifications	Range	Resolution	Accuracy
Carbon dioxide	400ppm~5000ppm	1ppm	±(5% + 50ppm)
Temperature	-10°C~50°C	0.1°C	±1°C
Relative humidity	0%RH~99%RH	1%RH	±5%RH (10%RH~90%RH) at 25°C
ABC	Automatic baseline correction		
Sensor type	NDIR		
Operating temperature	0°C~50°C, 0%RH~85%RH		
Storage temperature	-20°C~60°C, 0%RH~95%RH		

Characteristics	
Standard accessories	Micro USB cable, English manual, Gift box
Power	3.7V DC Li-ion battery/ Micro USB charging port
Display	42 x 65mm
Product size	75 x 55 x 130mm
Product net weight	195g
Standard quantity per carton	5pcs



A37



A63

2 in1 Food Thermometer

A63 is a 2 in 1 food thermometer combines with infrared sensor and collapsible probe. The infrared mode can quickly scan the surface temperature of objects and the probe mode is used for measuring the internal temperature of food accurately. This product is suitable for food processing, food transport and storage, catering industry and other scenarios.



Product Highlights:

- ◆ Probe and infrared temperature measurement
- ◆ Rotating screen 180°
- ◆ Collapsible probe
- ◆ T1-T2 (Temperature difference)
- ◆ IP65 rating and 1 meter drop protection
- ◆ HACCP inspection(Hazard Analysis and Critical Control Point)

Specifications			
Temperature measurement	Range	IR	-40°C~300°C (-40°F~572°F)
		Probe	-50°C~300°C (-58.0°F~572°F)
	Accuracy	IR	-40°C ≤ t ≤ 0°C: ±(1.5+0.1× t)°C 0°C < t ≤ 300°C: ±1.5°C or ±0.015×t°C (whichever is greater)
		Probe	-50°C ≤ t < -30°C: ±1.0°C -30°C ≤ t ≤ 100°C: ±0.5°C 100°C < t ≤ 300°C: ±0.01×t°C
Battery	AAA alkaline battery x 2		
Distance ratio (D:S)	8:1		
Emissivity	0.95		
Spectral response	5μm~14μm		
Repeatability	1°C (2°F) or 1% (whichever is greater)		
Display resolution	0.1°C (0.1°F)		
Unit conversion	°C/°F		
Auto power off	√		
Low battery indication	√		
Data hold	√		
Laser point	Single laser, output <1 mW, class II, Wavelength: 650±20nm		
Continuous operating time	20h (infrared mode), 80h (probe mode)		
LCD type	FSTN		

Characteristics	
Standard accessories	Batteries, User manual, Gift box
Power	AAA alkaline battery x 2
Display	33 x 39mm
Product size	178 x 55 x 27.5mm
Product net weight	180g
Standard quantity per carton	10pcs

IP65 1m drop

D:S 8:1 ε 0.95



A61

Digital Thermometer

A61 is an IP65-rated probe thermometer designed for immersion or penetration measurements of liquids, pastes, and semi-solids. Ideal for household, refrigeration, heating, and food processing applications.

Product Highlights:

- ◆ Pen-type design
- ◆ MAX/MIN/HOLD
- ◆ LED alarm
- ◆ Unit switch

Specifications	Range
Measurement range	-40°C~250°C (-40°F~482°F)
Accuracy	±1°C (-20°C≤T<100°C); ±2°C (T≤20°C; T≥100°C) ±2°F (-4°F≤T<212°F); ±4°F (T≤4°F; T≥212°F)
Minimum measuring depth	12mm
Sensor	NTC
Stabilization time	20s
Resolution	0.1°C (0.1°F)
Battery duration	12h
Operating temperature	0°C~40°C (32°C~104°C)
Storage temperature	-20°C~60°C (-4°C~140°C)
Operating humidity	<RH80% (Non condensable)

Characteristics	
Standard accessories	Battery, English manual, Blister
Power	3V battery (CR1632)
Display	26.6 x 10.6mm
Product size	190 x 29.5 x 15.5mm
Product net weight	50.8g
Standard quantity per carton	40pcs

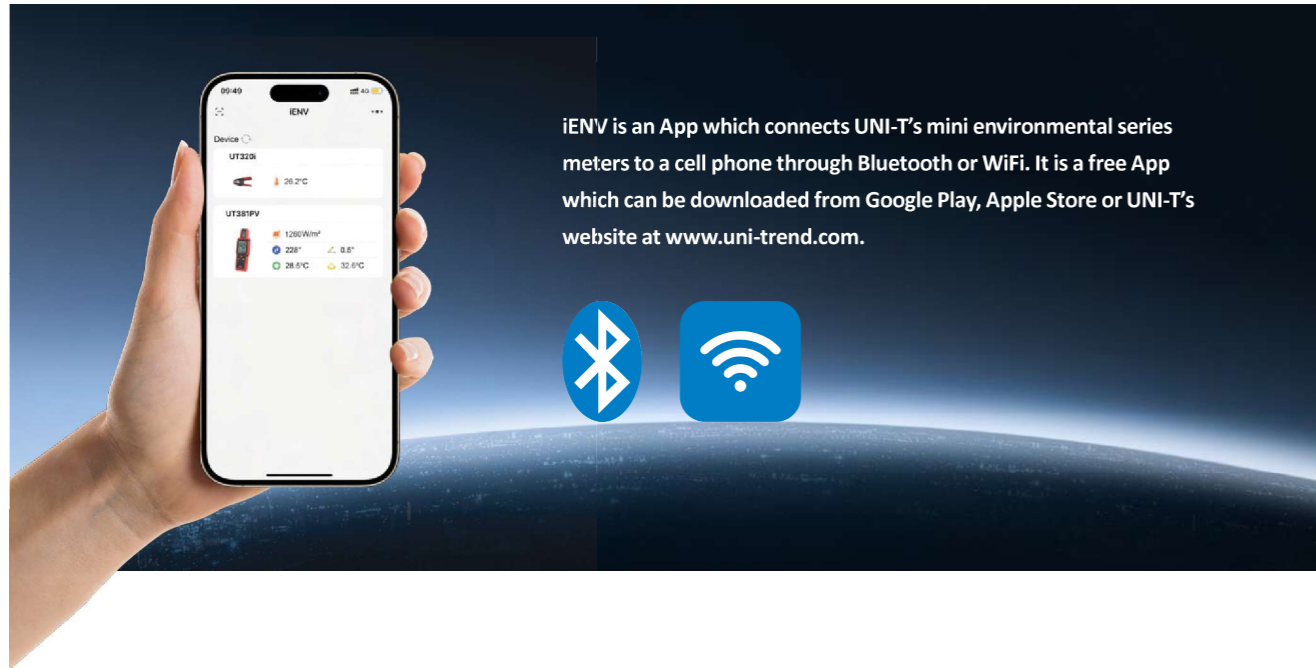


IP65 1m drop





iENV Mobile APP



iENV is an App which connects UNI-T's mini environmental series meters to a cell phone through Bluetooth or WiFi. It is a free App which can be downloaded from Google Play, Apple Store or UNI-T's website at www.uni-trend.com.

Wireless. Real-Time. Data Export.

All setting, respond immediately

Get the FREE iENV APP!

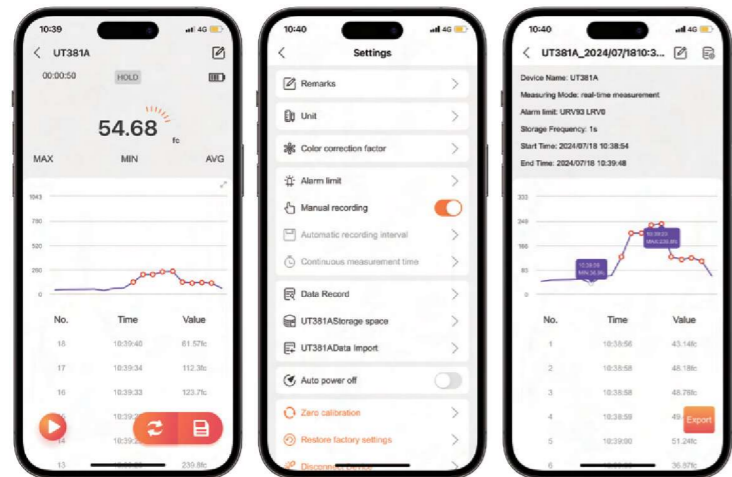




iENV

Download on the App Store

GET IT ON Google Play



Main Measurement Interface

Parameter Setting

Report Exporting



Supported models:
UT333BT, UT353BT, UT363BT, UT383BT,
UT381A, UT325F, UT372D, UT337B, UT336P,
UT336V, UT320i

Air Conditioning / Refrigeration Measurement Tools

Air Conditioner/Refrigerating System is an indispensable part in the modern life. For stable running of system, it's important to regularly measure and inspect. No matter in the refrigerant leak detection, pressure measurement or temperature measurement, the professional and digital tools are needed. UNI-T provides accurate and reliable measurement tools for users to make air conditioner/refrigerating system more stable and energy saving.



UT336P

Wireless Digital Pressure Gauge



Get the iENV APP!



- Generating testing report;
- Parameter setting;
- Export multiple test data: PDF/XLS/CSV.



UT-T19 (Optional)



UT336P Wireless Digital Pressure Gauge measures system's pressure, functions offline data-recording, monitors refrigeration in a long period and equips temperature clamps to use. Refrigerant pipe's high/low-pressure temperature, overheating and overcooling degree can be viewed by mobile APPs, widely used in the installation, debugging and maintenance of refrigeration system.

Product Highlights:

- ◆ Wide range and high precision
- ◆ Hook design for easy fixing
- ◆ Settable High/Low pressure alarms with LED alarm
- ◆ High/low pressure switching and indication
- ◆ Bluetooth connectivity for easy data
- ◆ Up to 8000 data storage with exportable data reports
- ◆ Compatible with temperature clamp UT-T19 (Optional accessory)
- ◆ 10 refrigerants built in the device, 94+ types available

Specification	
Manual language	EN, FR, DE, IT, ES, SV, PL, CZ
Display	FSTN
Interface	1/4" SAE
Measurement range	-1 to 60bar -1.01 to 61.18kg/cm ² -75.0 to 4,500.3cmHg -14.5 to 870.2psi -29.52 to 1,771.8inHg -100 to 6,000kPa -0.100 to 6.000MPa
Resolution	0.1psi, 0.01bar, 0.001MPa, 1kPa
Accuracy	±0.5%FS
Unit	bar, kg/cm ² , cmHg, psi, inHg, kPa, MPa
Evaporating/Condensing Temperature	√
Superheating/Subcooling	√
Data recording	8000
Recording interval	1s~1h
High and low pressure recognition	Red indicator (high pressure) Blue indicator (low pressure)
Backlight	√
Bluetooth	√
Auto power off	√
Firmware upgrade	√
Battery life	About 250h
Working temperature	-10~+50°C
Storage temperature	-20~+60°C
Maximum pressure	65bar

Characteristics	
Power supply	3 x AA
Product size	145 x 68 x 39mm
Product net weight	About 250g
Standard accessories	Pressure gauge, quick start guide, 3 x AA, hand strape, cloth bag
Standard quantity per carton	5pcs

UT336P KIT

Wireless Pressure Gauge with Temperature Clamp



Get the iENV APP!



- Generating testing report;
- Parameter setting;
- Export multiple test data: PDF/XLS/CSV.



UT336P Wireless Digital Pressure Gauge measures system's pressure, functions offline data-recording, monitors refrigeration in a long period and equips temperature clamps to use. Refrigerant pipe's high/low-pressure temperature, overheating and overcooling degree can be viewed by mobile APPs, widely used in the installation, debugging and maintenance of refrigeration system.

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Specification	
Manual language	EN, FR, DE, IT, ES, SV, PL, CZ
Display	FSTN
Interface	1/4" SAE
Measurement range	-1 to 60bar -1.01 to 61.18kg/cm ² -75.0 to 4,500.3cmHg -14.5 to 870.2psi -29.52 to 1,771.8inHg -100 to 6,000kPa -0.100 to 6.000MPa
Resolution	0.1psi, 0.01bar, 0.001MPa, 1kPa
Accuracy	±0.5%FS
Unit	bar, kg/cm ² , cmHg, psi, inHg, kPa, MPa
Evaporating/Condensing Temperature	√
Superheating/Subcooling	√
Data recording	8000
Recording interval	1s~1h
High and low pressure recognition	Red indicator (high pressure) Blue indicator (low pressure)
Backlight	√
Bluetooth	√
Auto power off	√
Firmware upgrade	√
Battery life	About 250h
Working temperature	-10~+50°C
Storage temperature	-20~+60°C
Maximum pressure	65bar
UT- T19 range	-50°C~+150°C
UT-T19 accuracy	±0.5°C (-50°C~80°C), ±1°C (others)
UT-T19 Wire length	2m

Characteristics	
Power supply	3 x AA
Product size	UT336P: 145 x 68 x 39mm; UT-T19: 154 x 88 x 24mm
Product net weight	UT336P: 250g; UT-T19: 120g
Standard accessories	Pressure gauge, temperature clamp, tee connection, bent adapter, quick start guide, 3 x AA, hand strape, cloth bag
Standard quantity per carton	5pcs

UT336E KIT

Digital Manifold Gauge with Wireless Temperature Clamps

UT336E Digital Manifold Gauge measures system high/low-side pressure and comes with wireless temperature clamps for refrigerant pipe temperature monitoring. It automatically calculates superheat/subcooling, includes multiple refrigerant parameters, and supports wireless app connectivity, ideal for HVAC/R installation, commissioning, and maintenance.



Get the iENV APP!

- Generating testing report;
- Parameter setting;
- Export multiple test data: PDF/XLS/CSV.

Product Highlights:

- ◆ 3.5" HD color screen
- ◆ Tap-to-wake backlight
- ◆ 10000 groups of data storage
- ◆ Mobile wireless app connection
- ◆ Support to connect with UT320i and UT336V
- ◆ Support 162+ refrigerants switching and updating
- ◆ Over-limit audible and visual alarm
- ◆ OTA update

Specification

Language	EN, FR, DE, IT, ES, SV, PL, CZ		
System languages	EN, FR, DE, IT, ES, SV, PL, CZ		
#VALUE!	Range	Accuracy	Resolution
Pressure	-1.00~+60.00bar	±0.5%FS	0.01bar
Temperature	-50~+150°C	±0.5 (-50~80°C); ±1 (other)	0.1
Refrigerant pipe interface	3 x 1/4"		
Measurement modes	Refrigeration, Vacuuming, Pressure Holding, Temperature Difference		
Superheat/subcooling	√		
Evaporation & condensation temperature	√		
Refrigeration mode / heat pump mode	Auto Switch		
Pressure zeroing	√		
Refrigerant switching	√		
Refrigerant updating	√		
Screen brightness adjustment	√		
Data storage	10000		
Data recording interval	1~60s		
Temperature compensation	√		
Hardware update	√		
Mobile app	√		
Hanging hook	√		
Auto screen off	√		
Auto power off	√		
Pressure units	bar, kPa, MPa, psi, kg/cm², cmHg, inHg		
Temperature units	°C, °F		
Wireless range	100m		
Battery life	>30h, (backlight 50%, wireless connection OFF)		
Working temperature & humidity	-20~+50°C, 10~90%RH (No Condensation)		

Characteristics

Power supply	Rechargeable 5200mAh Li-ion Battery
Standrad accessories	UT336E x 1, UT320i x 2, User Manual, Safety Guide, Refrigerant Hose, USB-C Charging Cable, Tool Box
Product size	UT336E: 203 x 117 x 70mm
Product net weight	About 836g

UT320i

Wireless Temperature Clamp



UT320i can wirelessly connect with the UT336E Digital Manifold Gauge and mobile APP. Equipped with a display screen for real-time temperature data visualization and data storage capability, it is widely used for temperature monitoring in refrigeration/heating systems, as well as for maintenance, troubleshooting and safety testing operations.



Product Highlights:

- ◆ Comes with FSTN display for clear data visualization
- ◆ Wireless connectivity with UT336E and mobile APP
- ◆ 10000 groups of data storage
- ◆ Rechargeable Li-ion battery with USB continuous power supply
- ◆ Ergonomic design for comfortable handling
- ◆ Enhanced durability with superior protection rating

Specification

Compatible pipe diameter	6~42mm
LCD	FSTN
Sensor	Thermistor
Temperature range	-50~+150°C
Temperature accuracy	±0.5°C (-50~80°C) ±1
Resolution	0.1
Response time	1time/s
Units	°C, °F
Data storage	10000
LED indication	√
Bluetooth	√
APP	iENV
IP rating	IP65
Drop proof	2m
Working environment	-20~50°C, <90%, No Condensation
Storage environment	-20~80C, <80%, No Condensation
Battery life	180h
Power supply	1400mAh rechargeable Li-ion Battery

Characteristics

Product size	156×79×40mm
Product net weight	About 156g
Standrad accessories	Clamp x 1, user manual, USB-C charging cable
Standard quantity per carton	20pcs



Get the iENV APP!

- Generating testing report;
- Parameter setting;
- Export multiple test data: PDF/XLS/CSV.

UT336V

Wireless Digital Vacuum Gauge



UT336V Wireless Digital Vacuum Gauge measures vacuum of refrigeration and heat pump system, judge the degree of moisture and impurities removal in system, and widely used in the installation, debugging and maintenance of refrigeration and heat pump system.

Product Highlights:

- ◆ Wide range and high precision
- ◆ Hook design for easy fixing
- ◆ Settable High/Low pressure alarms with audible and visual alerts (LED & buzzer)
- ◆ Easily switch between 8 measurement units
- ◆ Intelligent H2O State Judgement: Supports measurement of water's saturation temperature and ambient temperature, providing intelligent assessment of water state
- ◆ Bluetooth connectivity for easy data observation and recording
- ◆ Up to 8000 data storage with exportable data reports

Specification	
Manual language	EN, FR, DE, IT, ES, SV, PL, CZ
Display	FSTN
Interface	1/4" SAE
Vacuum measurement range	0 to 258.31mbar
	0 to 2,533.13Pa
	0 to 2.533kPa
	0 to 19,000mTorr
	0 to 19Torr
	0 to 19,000micron
	0 to 19mmHg
	0 to 10.17inH2O
Resolution	1: 1 to 400 micron, 10: 400 to 3,000 micron, 100: 3,000 to 10,000 micron, 250: 10,000 to 190,000micron
	± (10% of reading+10 microns) : 100 to 10,000micron ± 20%of reading: 10,000 to 19,000micron
Ambient temperature range	-10.0 to +50.0°C (14.0 to +122.0°F)
Accuracy	±0.5°C
Resolution	0.1°C
The saturation temperature of water	√
ΔT_TH2O-Tamb	√
Temperature units	°C, °F
Data recording	8000
Recording interval	1s~1h
Backlight	√
Bluetooth	√
Date & Time	√
Vacuum target value	√
Maximum allowable vacuum	√
Auto power off	√
Firmware upgrade	√
Battery life	About 120h
Battery type	3 x AA
Working temperature	-10~+50°C
Storage temperature	-20~+60°C
IP rating	IP54
Maximum pressure	27.5bar



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- Generating testing report;
- Parameter setting;
- Export multiple test data: PDF/XLS/CSV.

UT336A/B

Refrigerant Leak Detector



UT336A and UT336B are useful refrigerant leak detectors. They features of rapid response, high reliability and easy-to-use operation. They are widely used in air conditioner maintenance, car maintenance, refrigeration unit detection, refrigerator maintenance, and etc.

Product Highlights:

- ◆ High sensitivity
- ◆ Easy-to-use operation
- ◆ 6-Sensitivity adjustment
- ◆ Audible and visible alarm
- ◆ Power-on auto-reset
- ◆ Come with probe light (UT336B)
- ◆ Supported for multiple refrigerants: CFCs, HCFCs, HFCs, HCs, HFOs

Model	UT336A	UT336B
Manual language	EN, FR, DE, IT, ES, SV, PL, CZ	
Sensor	Negative corona sensor	Semiconductor sensor
Warm-Up time	3s	60s
Probe light	√	√
Battery life	20h	10h
Probe life	About 50h in normal detection condition	About 2yr (Calculate as per 2.5h per day)
Maximum sensitivity	3g/a	
Sensitivity adjustment	6 Levels	
Alarm light	6 Levels	
Battery status	√	
Zero reset	√	
Mute	√	
Auto power off	√	
Operating temperature and humidity	0°C-50°C, <95%RH (non-condensing)	

Characteristics	
Power supply	AA Alkaline Battery x 4
Product size	190 x 65 x 43mm (Not probe rod included)
Product net weight	312g (Not battery included)
Standard accessories	Refrigerant Leak Detector, Quick Start Guide, Safety Guideline, AA Alkaline Battery x 4, Auxiliary Probe (UT336A), Cloth Bag (UT336B)
Standard quantity per carton	UT336A: 10pcs; UT336B: 5pcs



UT336A



UT336B



UT-R01 (Optional)



UT-R02 (Optional)



UT336A



UT336B

Layout and Measurement Tools

From home DIY projects to utility project layouts, UNI-T's layout and measurement tools can help to accurately measure distance (laser distance meter), project horizontal/vertical levels (laser levels), and detect objects behind walls during construction (wall scanners).



UNI-T



LM320D/LM320E/LM320F Angle Meters



LM320 is a compact, durable angle meter with a color display, auto-rotation, and 4x90° measurement range. It provides real-time tilt data and has a magnetic base for stability, ideal for engineering and construction.

Models	LM320D	LM320E	LM320F
Measurement range	4 x 90°	4 x 90°	4 x 90°
Resolution	±0.05°	±0.05°	±0.05°
Angle accuracy	±0.2°	±0.2°	±0.2°
Repeatability	±0.2°	±0.2°	±0.2°
Unit	Angle; Percentage; mm/m; in/ft.		
Laser lines		2 lines	3 lines
Laser accuracy		±3mm/5m	
Magnetic base	Two-sided magnetic	Two-sided magnetic	Four-sided magnetic
Relative/Absolute angle measurement	√		
Angle hold	√		
Screen rotation	√		
Auto power off	√		
Materials	Al-alloy frame +ABS		
Working temperature	0°C~ + 50°C		
Laser class		Class 2	
Laser type		630~670nm, <1mW	
Battery life	14h	8h	6h

Characteristics			
Models	LM320D	LM320E	LM320F
Battery	1000mAh lithium battery		
Product size	83.5 x 70 x 35.5mm		
Product net weight	About 180g		
Standard quantity per carton	10pcs		
Standard accessories	Type-C cable, Gift Box, User manual, Wall-mounted iron plate		



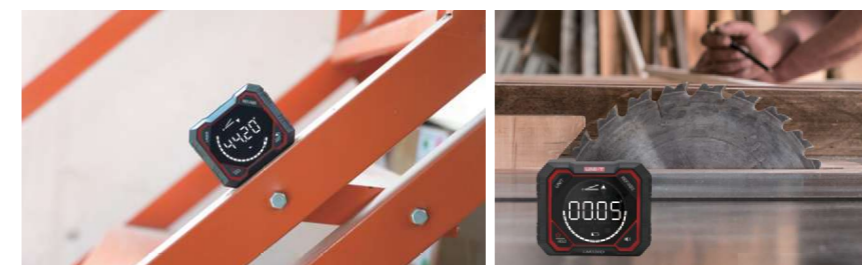
LM320D



LM320E



LM320F



UT663B

360° Rotatable Industrial Borescope

The 360° Rotatable Industrial Borescope in UT663B series is designed for complex detection conditions, its flexible 180° bi-directional rotation capability equipped with 4.3" HD screen makes detecting details visible in everywhere. It's widely used in the Vehicle Repairing, Household, Mechanicals, Chemicals, Aviation, Safety and other fields, and suitable for hard-to-reach, narrow and flex space detection.



Product Highlights:

- ◆ Optional hose length
- ◆ 180° Bi-directional rotation of hose cameras
- ◆ High temperature protection of cameras
- ◆ 8 LEDs, 4-Setting brightness adjustment
- ◆ 1000K HD camera, IP67 rating
- ◆ Maximum 64GB storage
- ◆ Support photo capturing and video recording

Specification

Manual language	EN, FR, DE, IT, ES, SV, PL, CZ		
System	Screen size	5.0"	
	Image pixels	JPG: 1920 x 1080	
	Video pixels	AVI: 1920 x 1080	
	High temperature warning protection	√	
	Image rotation	√	
	Photo capturing	√	
	Video recording	√	
	Audio recording	√	
	System languages	Simplified Chinese, Japanese, English, Korean, French, German, Italian, Spanish, Russian, Polish	
	Storage	Standard 32GB-TF card (maximum 64GB)	
Hose	Hose material	Medal and hard hose	
	Hose length	1m, 2m, 3m	
	Rotational angle	180° Bi-directional	
Camera	Diameter	8mm	
	Light sensor chip	CMOS	
	Field of view (FOV)	70°	
	Depth of field (DOF)	20~100mm	
	Adjustable LED lights	4-Setting, 8 LEDs	
	Pixels	1000K	
	IP rating	IP67	
Battery	Battery	3.7V/3000mAh	
	Battery life	4h	
Working condition	Camera Temperature	0°C~80°C	
	Working Temperature	0°C~45°C	
	Humidity	<90%RH, no condensation	



Characteristics

Product size	273 x 66 x 139mm (Not Hose Included)
Standard accessories	Type-C Cable, User Manual, Gift Box, Cloth Bag, 32GB-TF Memory Card
Standard quantity per carton	6pcs



UT665P

Borescope

The Handheld Single Len Industrial Borescope in UT665P series features excellent imaging quality, flexible detecting capability and convenient operation. They are widely used in the Vehicle Repairing, Household, Mechanicals, Chemicals, Aviation, Safety and other fields, and suitable for hard-to-reach, narrow and flex space detection.

Product Highlights:

- ◆ Optional hose length
- ◆ 4.3" HD screen
- ◆ 8 LEDs, 4-Setting brightness adjustment
- ◆ 300K HD camera, IP67 rating
- ◆ Equips side mirror, magnet and hook for different narrow space requirements
- ◆ Built-in 2000mAh li-ion battery

Specification

Manual language	EN		
System	Screen size	4.3"	
	Screen resolution	1280 x 720	
	Screen rotation	√	
	Contrast adjustment	√	
	Black and white images	√	
	Color conversion	√	
	Images zoom In/Out	√	
	Screen brightness adjustment	√	
	Hose	Hose material	Aviation plug hard wire (replaceable)
		Hose length	1m, 5m, 10m
Diameter		8mm	
Camera	Light sensor chip	CMOS	
	Field of view (FOV)	70°	
	Depth of field (DOF)	20~100mm	
	Adjustable LED lights	4-Setting, 8 LEDs	
	Pixels	300K	
	IP rating	IP67	
	Battery	Battery	3.7V/2000mAh
Battery life		6h	
Working condition	Camera Temperature	0°C~80°C	
	Working Temperature	0°C~45°C	
	Humidity	<90%RH, no condensation	

Characteristics

Product size	256 x 120 x 50mm
Standard accessories	Type-C Cable x 1, Gift Box x 1, User Manual x 1, Blister Tray x 1, Hook x 1, Side Mirror x 1, Magnet x 1, Fixed Buckle x 3
Standard quantity per carton	20pcs



UT667

Borescope

The Large Scale Industrial Borescope in UT667 series equips a 4.3" screen and displays clear images with visible details. They are widely used in the Vehicle Repairing, Household, Mechanicals, Chemicals, Aviation, Safety and other fields, and suitable for hard-to-reach, narrow and flex space detection.



Product Highlights:

- ◆ Optional hose length
- ◆ 4.3" HD screen
- ◆ 8 LEDs, 4-Setting brightness adjustment
- ◆ 300K HD camera, IP67 rating
- ◆ Equips side mirror, magnet and hook for different narrow space requirements
- ◆ Built-in 2000mAh li-ion battery

Specification

Manual language	EN	
System	Screen size	4.3"
	Screen resolution	1280 x 720
	Screen rotation	√
	Contrast adjustment	
	Black and white images	√
	Color conversion	√
	Images zoom In/Out	√
	Screen brightness adjustment	
Hose	Hose material	Aviation plug hard wire (replaceable)
	Hose length	1m, 5m, 10m
Camera	Diameter	8mm
	Light sensor chip	CMOS
	Field of view (FOV)	70°
	Depth of field (DOF)	20~100mm
	Adjustable LED lights	4-Setting, 8 LEDs
	Pixels	300K
Battery	IP rating	IP67
	Battery	3.7V/2000mAh
Working condition	Battery life	5h
	Camera Temperature	0°C~80°C
	Working Temperature	0°C~45°C
	Humidity	<90%RH, no condensation

Characteristics

Product size	160 x 95 x 40mm
Standard accessories	Type-C Cable x 1, Gift Box x 1, User Manual x 1, Blister Tray x 1, Hook x 1, Side Mirror x 1, Magnet x 1, Fixed Buckle x 3
Standard quantity per carton	20pcs

LM570R/LM585R SERIES

Laser Levels

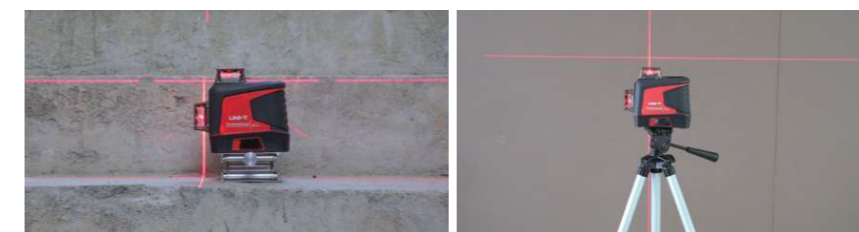
Product Highlights:

- ◆ Red laser high-brightness display
- ◆ 360° emission angle
- ◆ Self-leveling and manual mode
- ◆ Laser diagonals
- ◆ Wireless remote control
- ◆ Rechargeable lithium battery with Type-C port

Models	LM573R	LM575R	LM576R	LM585R
Laser tube	SHARP LD			
Laser type	Red, high brightness			
Laser lines	12 lines	12 lines	16 lines	8 lines
Laser wavelength	635nm±10nm			
Laser class	CLASS II			
Horizontal accuracy	≤±3mm/10m			
Vertical accuracy	≤±3mm/10m			
Brightness adjustment	3 scales adjustable			
Laser linewidth	≤5mm±1/10m (indoor lighting: 80~100lux)			
Emission angle	360°	360°	360°	Horizontal: 360°, vertical: 120°
Leveling range	±(3±1)°			
Minimum distance to wall/ground	10mm	Wall: 10mm, ground: 15mm	Wall: 10mm, ground: 15mm	20mm
Battery life	>30h			
Operating range	In the highest brightness, radius>30m			
Leveling modes	Magnetic damping, heavy hammer			
Alarm modes	Buzzer + laser line flashes			
Diagonal mode	√			
Product size	130 x 87 x 120mm	135 x 87 x 130mm	135 x 87 x 150mm	85 x 75 x 115mm
Operating temperature	-10~50°C			
Power supply	3.7V 6000mAh			

Characteristics

Standard accessories	Laser level, 6000mAh battery pack, Type-C cable, user manual, wall-mounted bracket + iron plate (not LM585R), remote control (not LM585R), lifting table (only LM585R), tripod base (only LM585R)
Power	3.7V 6000mAh
Standard quantity per carton	4
Standard individual packing	Gift box



LM573R



LM575R



LM576R



LM585R

LM570LD SERIES/LM585LD

Laser Levels

Its applications include: horizontal, vertical, cross line projection for decoration, building construction, home decoration, renovation, furniture installation, flooring, and project layout.

(Except LM585LD)



LM570R-I



LM570LD-II



LM573LD-II



LM575LD



LM576LD



LM585LD

Product Highlights:

- ◆ Green laser high-brightness display
- ◆ Self-leveling and manual mode
- ◆ Laser diagonals
- ◆ Durable and sturdy

Specifications	LM570R-I	LM570LD-II	LM573LD-II	LM575LD	LM576LD	LM585LD
Laser type	Red	Osram green LD	Osram green LD	Osram green LD	Osram green LD	Osram green LD
Laser lines	1V1H	2 lines	3D 12 lines	3D 12 lines	3D 16 lines	8 lines
Operating distance	15m-30m	10m	50m	50m	50m	30m
Laser accuracy	±3mm/10m	±3mm/10m	±3mm/10m	±3mm/10m	±3mm/10m	±3mm/10m
Outdoor pulse mode			√	√	√	√
Remote control			√	√	√	√
Self-leveling range	3°±1°	3°±1°	±3°	±3°	±3°	±3°
Self-leveling time	≤3s	3s	<3s	<3s	<3s	<3s
Working hours	>12h (All lasers on)	4h	>6h	>6h	>4h	>4h
Wall mount			√	√	√	√
Laser wavelength	635nm	520nm	520nm	520nm	520nm	520nm
Laser class	CLASS II					

Characteristics						
Models	LM570R-I	LM570LD-II	LM573LD-II	LM575LD	LM576LD	LM585LD
Battery	2 x AA	2 x AA	3.7V Li-ion battery 5200mAh			
Product size	59 x 28 x 137mm	85.5 x 62 x 90.3mm	119 x 89 x 138mm	138 x 89 x 147mm	138 x 89 x 147mm	138 x 89 x 136mm
Product net weight	170g	240g	694g	653g	653g	591g
Standard quantity per carton	20pcs	20pcs	4pcs	4pcs	4pcs	4pcs
Standard accessories	Wall mount, English manual, Batteries, Gift box, Remote control, LM312 bracket, cloth bag(LM570R-I), Tool box, Adapter, Charging cable, Tripod mount (LM585LD only), Lifting platform (LM585LD only)					



LM40T/LM60T

Laser Tapes

LM40T and LM60T combine laser distance measurement and traditional tape measurement in one device, designed for applications such as interior decoration and architectural engineering.

Product Highlights:

- ◆ 2-in-1 measurement
- ◆ Durable housing
- ◆ Multiple functions
- ◆ Come with display

Specifications	LM40T	LM60T
Display type	LCD	EBTN
Tape range	5m	
Laser range	0.2~40m	0.2~60m
Laser accuracy	±(2.0mm+5x10 ⁻⁵ D)	
Units	m/ft/inch	m/ft/inch
Laser class	Class 2	
Laser type	630~670nm, <1mW	
Single measurement	√	
Continuous measurement	√	
Area measurement		√
Volume measurement		√
Pythagorean measurement		√
Data storage		20 sets
Measurement basis	rear	Front/rear
Auto laser off	√	
Battery service time	5000 times of measurements	
Battery status display	√	
Auto power off	√	
USB interface		Micro USB

Characteristics	LM40T	LM60T
Battery type	1.5V AAx2	350mAh rechargeable battery
Product size	86 x 50 x 80mm	85 x 56.3 x 81.5mm
Product net weight	305g	300g
Standard quantity per carton	20pcs	20pcs
Standard accessories	User manual, batteries, cross screwdriver	User manual, USB cable



LM40T



LM60T



LM40MI/LM50MI/LM60MI

Mini Laser Distance Meters



Mini Laser Distance meter is a multiple meter for distance, area and volume measurement with compact and portable design which mainly used in building, designing and engineering monitoring, etc.

Product Highlights:

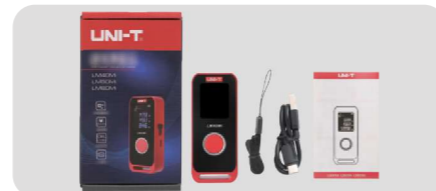
- ◆ Mini size and portable design
- ◆ Multiple measurement modes
- ◆ Self calibration
- ◆ Rechargeable 370mAh li-ion battery
- ◆ High-Accuracy optic sensor
- ◆ Metal shell, more durable, more comfortable



Models	LM40Mi	LM50Mi	LM60Mi
Measurement range	0.05~40m	0.05~50m	0.05~60m
Precision	±(2mm+d x1/10000)		
Continuous measurement	√		
Metope area measurement	√		
Area/Volume measurement	√		
Perimeter measurement	√		
Pythagorean measurement	√		
Min/Max	√		
Unit switch	√		
Laser level	CLASS II		
Laser type	630-670nm, <1mW		
Automatically cut off laser	20s (single measurement)		
Auto power off	150s		
Charging specification	DC5V 0.35A		
Measurement times in full charge	8000 times for single measurement		
Storage temperature	-20°C~60°C		

General Characteristics

Power	3.7V 370mAh lithium battery
Standard accessories	User manual, Charging Cable, Hand rope, Gift box
Standard quantity per carton	20 pcs
Product size	86.5 x 36.5 x 19.5mm
Product weight	75g



LM A SERIES

Laser Distance Meters

These laser distance meters feature various ranges and advanced functions for professional use. Their robust design ensures reliability in harsh conditions, making them ideal for decoration, construction, and engineering projects.

Product Highlights:

- ◆ 2.0" HD screen
- ◆ Aspherical optical focusing mirror
- ◆ 99 sets of data storage
- ◆ Double leveling bubble
- ◆ Multiple measurement modes: Length/Area/Volume/Pythagorean

All the models in this page share the same mold.

Specifications	LM50A	LM70A	LM100A	LM120A
Display size	2.0-inches			
Range	50m	70m	100m	120m
Display type	LCD			
Resolution	0.001			
Measurement units	m/ft/in			
Measurement basis	front/rear			
Accuracy	±(2mm+5 x 10 ⁻⁵ D)			
Laser class	2			
Laser type	630~670nm, <1mW			
Single measurement	√			
Continuous measurement	√			
Max/Min	√			
Area	√			
Volume	√			
Pythagoras	√			
Add/Subtract	√			
Self calibration	√			
Horizontal bubble	√			
Data storage	99 groups			
Auto power off	3 minutes without operation			
Auto laser off	30s without operation			
Storage temperature	-20°C~60°C			
Operating temperature	0°C~40°C			
Battery life	Up to 8000 measurements			

General Characteristics

Power	1.5V battery AAA x 2
Product color	Red and grey
Product size	122mm x 52mm x 29.5mm
Standard accessories	Carrying bag, AAA batteriesx2, User manual, Gift box
Standard quantity per carton	40pcs



LM50A



LM120A



UT387A/C/D Wall Scanners

UT387 series wall scanners are great tools designed for construction and home improvement sector. These scanners can pick up hidden objects behind walls, such as metals, live electrical wires and wood. They are widely used for interior finish, renovation, furniture installation, flooring, pipe installation and building construction.

Product Highlights:

- ◆ Non-destructive measurement
- ◆ Multiple measurement objects
- ◆ Alarm indication
- ◆ Quick response

Specifications	UT387A	UT387C	UT387D
Ferrous metals	StudScan: 19mm ThickScan: 28.5mm	76mm	100mm
Non-ferrous metals	StudScan: 19mm ThickScan: 28.5mm	38mm	80mm
AC electric wire depth	50mm	50mm	40mm
Wood	StudScan: 19mm ThickScan: 28.5mm	StudScan: 19mm ThickScan: 28.5mm	Accurate mode: 20mm; Deep mode: 38mm
Buzzer indication	√	√	√
Auto power off	√	√	√
LED alarm	√	√	√
Low battery indication	√	√	√
Calibration	√	√	√
Object icon display	√	√	√

Characteristics	UT387A	UT387C	UT387D
Battery	9V battery		300mAh L-ion battery
Product size	170 x 70.5 x 38.9mm	170 x 70.5 x 38.9mm	135 x 60 x 25mm
Product net weight	153g	247g	112g
Standard quantity carton	10pcs	20pcs	
Standard accessories	Battery, User manual, Gift box		Battery, User manual, Gift box, USB cable



UT387A



UT387C



UT387D



UT387 SERIES Wall Scanners

The new UT387 series wall scanners used to detect a variety of objects behind the wall, designed with multiple measurement modes and additional functions to conveniently measure distance and wood moisture. It is widely used in home renovation, home improvement, and DIY projects.

Product Highlights:

- ◆ 2.4 inch color screen
- ◆ Voice broadcast
- ◆ Rechargeable lithium battery via Type-C
- ◆ Multiple measurement modes
- ◆ Fluff mat design on the rear of device, move easily

Specifications	UT387E	UT387LM	UT387S
Wood (precision mode)	20mm		
Wood (depth mode)	38mm		
Metal	100mm		
Non-ferrous metals	80mm		
AC electric wire depth	40mm		
Auto calibration	√	√	√
Laser distance		0.05~40m	0.05~40m
Moisture			6%~40%
Voice broadcast	√	√	√
Data storage		30	30
Drop proof	1m		
Battery life	3000 single measurements		

Characteristics	UT387E	UT387LM	UT387S
Battery	300mAh L-ion battery		
Product size	153 x 68 x 31mm		
Product net weight	151.4g	158g	161.2g
Standard quantity carton	20pcs		
Standard accessories	User manual, Gift box, USB cable, Cloth bag		



UT387E



UT387LM



UT387S

LM600 SERIES

Laser Rangefinders

LM600 series laser rangefinders provide fast, accurate measurements of height, distance, and angle. Featuring eye-safe low-power pulsed laser technology and a new speed measurement function, they are ideal for engineering, construction, golf, hunting, and navigation.

Product Highlights:

- ◆ Multi-function measurement: Distance, Height, Angle, Velocity
- ◆ HD coating layer, HD imaging
- ◆ Rechargeable Li-ion battery
- ◆ E-compass technology, accurate in height and angle measurement
- ◆ Pulse measurement
- ◆ Rotate to focus, suitable for both short-sighted and presbyopia

All the models in this page share the same mold.

Specifications	LM600	LM1000	LM1500
Distance range	5~600yd	5~1000yd	5~1500yd
Height	250yd	450yd	600yd
Accuracy	±1yd ± D x 0.2%		
Magnification	7X		
Lens diameter	24mm		
Height error	±0.5yd		
Velocity range	0-300km/h (reference only)		
Angle	±45°		
Angle error	±1°		
Laser class	Class 1		
Silent operation	Auto power off system		
Fast distance measurement	√		
LCD display	√		
Tripod mounting hole	√		

Characteristics	
Standard accessories	Carrying bag, hanging cord, USB interface cable, English manual
Power	3.7V Li-ion battery 1500mAh
Product size	114 x 76 x 48mm
Product net weight	230g
Standard individual packing	Gift box
Standard quantity per carton	6pcs



LM600A SERIES

Laser Rangefinders

LM600A Series equips 2" external screen and functions multiple measurement modes, widely used in the fields of Golf, Construction Survey, Outdoor Adventure, Car Race, etc.

Product Highlights:

- ◆ 2" external color screen
- ◆ Multiple measurement modes: Height, Velocity, Angle, Volume, Area
- ◆ Rotate to focus, suitable for both short-sighted and presbyopia
- ◆ Golf mode and flagpole lock mode
- ◆ Vibration hint
- ◆ Leather surface, comfortable touch

All the models in this page share the same mold.

Specifications	LM600A	LM800A	LM1000A	LM1200A	LM1500A
Distance range	3~600m	3~800m	3~1000m	3~1200m	3~1500m
Accuracy	±1m ± range x 0.2%				
Magnification	6X				
Diopter adjustment range	±6°				
Height	250m	300m	450m	500m	600m
Speed range	18~300Km/h				
Angle	±45°				
Objective aperture	21.5mm				
Eyepiece aperture	15mm				
Exit pupil diameter	3.7mm				
Angle error	±1°				
Unit switch	m, Y				
Slope measurement	√				
Height measurement	√				
Volume measurement	√				
Area measurement	√				
Angle measurement	√				
Auto power off	√				
Laser class	Class 1				
Laser wavelength	905nm				
Operating temperature	-10°C~50°C				

General Characteristics	
Battery	3.7V 750mAh lithium battery
Product size	108.5 x 72.5 x 42.2mm
Product net weight	About 170g
Standard quantity per carton	5pcs
Standard accessories	Carrying bag, Gift-box, type-CUSB cable, User manual, Hand strap



LM600G SERIES

Laser Rangefinders

LM600G series are laser rangefinders with high accuracy, high efficiency and multiple measurement modes. It is widely used in the fields of Golf, Construction Survey, Outdoor Adventure, Car Race, etc.



Product Highlights:

- ◆ Multiple measurement modes: Height, Velocity, Angle, Volume, Area
- ◆ Rotate to focus, suitable for both short-sighted and presbyopia
- ◆ Golf mode and flagpole lock mode
- ◆ Vibration hint
- ◆ Leather surface, comfortable touch

All the models in this page share the same mold.

Specifications	LM600G	LM800G	LM1000G	LM1200G	LM1500G
Distance range	3~600m	3~800m	3~1000m	3-1200m	3~1500m
Accuracy	±(1m ± range) x 0.2%				
Magnification	6X				
Diopter adjustment range	±6°				
Unit switch	m, Y				
Height	250m	300m	450m	500m	600m
Height error	±0.5m				
Speed range	0~300Km/h				
Angle	±60°				
Objective aperture	19mm				
Eyepiece aperture	15mm				
Exit pupil diameter	3.7mm				
Angle error	±1°				
Slope measurement	√				
Height measurement	√				
Laser class	Class 1				
Laser wavelength	905nm				
Operating temperature	-10°C~50°C				

General Characteristics	
Battery	3.7V 750mAh lithium battery
Standard quantity per carton	5pcs
Standard accessories	Carrying bag, Gift-box, type-CUSB cable, User manual, Hand strap



LM2000

Laser Rangefinder

The LM2000 is a long range laser rangefinder for outdoor engineering. The main body is covered with anti-slip durable soft rubber that covers 80% of the entire device. LM2000 measure up to 2000 meters, equipped with 8X optical zoom. LM2000 is a highly accurate device designed for professionals. It is powered by 18650 lithium battery and charges through type-C USB cable.

Product Highlights:

- ◆ Ranging distance is up to 2000m
- ◆ Built-in rechargeable battery
- ◆ Multiple measurement modes:
- ◆ Flagpole locking, Two-point ranging, Two-point height finding, Velocity/Height /Angle/Distance/Rain fog measurement

Specifications	Range
Range	2000m
Measuring unit	m/yd/ft
Accuracy	±(0.3m+0.001×Dm)
Angle range	-90°~90°
Tilt angle accuracy	±0.5°
Gyroscope angle accuracy	±0.1°
Laser wavelength	905nm
Field of view	6°
Magnification	8X
Object lens diameter	23mm
Eyepiece diameter	31mm
Exit pupil diameter	3.8mm
Diopter	±7D
Diopter adjustment	Manual
LCD display	Black (Red) bicolor R-Plcd
Charging interface	Type-C
Unit switch	m, Yd, Ft, km/h
Auto power off	√
Laser class	Class 1

Characteristics	
Power	2000mAh Lithium battery
Product size	149 x 125 x 55mm
Product net weight	593g
Standard quantity per carton	4pcs
Standard accessories	Carrying bag, gift box, type-C, USB cable, user manual, hand strap

