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Official Website

E-Catalog

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UNI-T®

2026



2026 Meters

Measurement tools



About Uni-Trend Technology

As a premier Asian test and measurement solutions provider since 1988, Uni-Trend Technology (China) Co., Ltd. leverages ISO 9001/14001-certified excellence and globally compliant products (CE/ETL/UL/GS) to deliver innovative instrumentation through its Chengdu and Dongguan R&D hubs.

With partners across 80+ countries and strategic subsidiaries in Germany and US, we ensure localized support while advancing real-time technical solutions.

Our commitment to performance-driven, cost-optimized products powers industries worldwide as we accelerate toward becoming the global T&M partner of choice—transforming measurement challenges into opportunities through relentless innovation and collaborative growth.

353
R&D Employees

500+
Patents

120000㎡
Manufacturing Base



- **2** European & American Branch
- **6** Sales Regions
- Covering Over **90** Countries
- **288** Key Strategic Partners
- **12000** Retail Stores
- **800** Network Sellers

Local-Focused Service Provision

Backed by a robust ecosystem of distributors, agents, and strategic partners across over 90 countries and regions in Europe, North America, Asia, Africa, and Oceania, Uni-Trend has established an extensive global sales network. With a commitment to providing users with high-precision measurement and testing equipment along with localized service support.

- **Reliable After-Sales Repair:** Swift and effective fixes for product issues.
- **Expert Technical Support:** From guidance to training, helping customers maximize product value.
- **Precision Calibration:** High - accuracy calibration to ensure product performance.

Comprehensive Solutions for Diverse lndustries

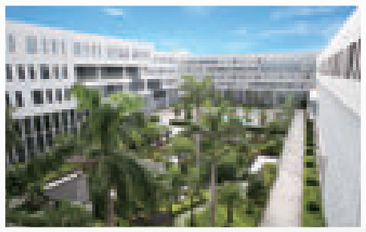
Uni-Trend follows a "Dual-Engine Driven" strategy of "high-end instrumentation and professional metering", with a diverse, precise product matrix spanning four core lines: Test and Measurement Meters, Precision Instruments, Thermal Cameras, and Environmental Meters—fully addressing diverse scenario needs.
Backed by solid technical expertise, Uni-T also offers tailored solutions for industries like new energy, power, electronics, and construction, delivering end-to-end test and measurement support from equipment inspection to system operation and maintenance.





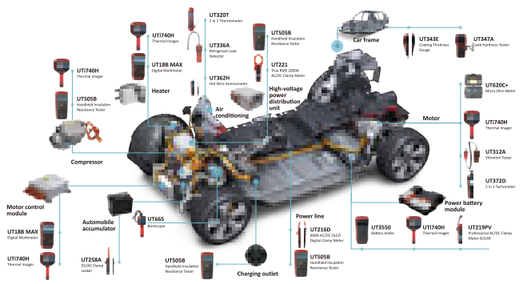
Strategic Layout, Empowering the World

With a combined area exceeding 120,000m², Uni-Trend's three production bases in Dongguan, Heyuan, and Vietnam create a highly efficient global supply network boasting an annual capacity of over 10 million units. Each base plays a strategic role: Dongguan excels in precision manufacturing, Heyuan delivers scale and cost benefits, and Vietnam enables agile responses to international demand. This is all backed by rigorous material selection, fully automated key processes, and an unwavering commitment to consistent, high-quality output.

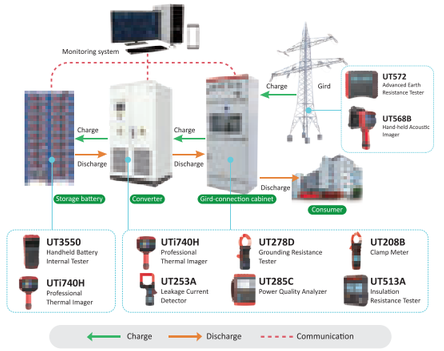




SOLUTIONS

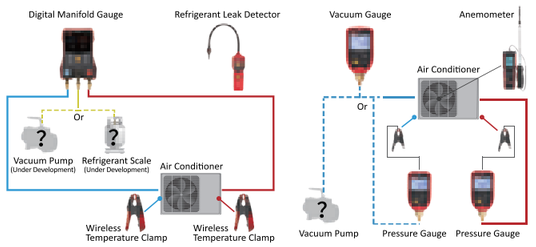
Electric Vehicle Key Component Testing and Maintenance



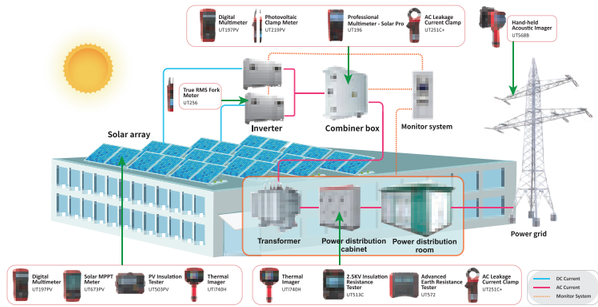
Solutions for Operation and Maintenance of Engery Storage Power Station



Smart Tools For AC & Refrigerant Measurement



Solutions for Operation and Maintenance of Solar Power System



Solutions for Various Application Scenarios

1, Solution for Electric Vehicles
2, Solution for HVAC
3, Solution for Wind Energy
4, Solution for Solar Power
5, Solution for Energy Storage
6, Solution for Intrinsic Safety
7, Solution for Power Grids
8, Solution for Rail Transit
9, Solution for Data Centers

Scan for More Details

NEW PRODUCTS

UT206C
1000A AC Clamp Meter

Page 030

- Ultra narrow/thin Jaw
- Light weight design
- Auto identification measurement
- Backlight
- Data hold



UT272A/UT275A
Earth Clamp Meters

Page 067

- Earth resistance test
- AC Current test (UT275A only)
- Data storage
- Auto power off



UT623A
Hand-held 100A Loop Resistance Tester

Page 077

- Hand held design for on-site test
- Wide test range: 0.1μΩ~1000.0mΩ
- Stepping output current of each 10A
- Data trasmission: USB
- Open circuit & overheat protection
- 5'' color LCD



UT731
Milliamp Process Clamp Meter

Page 097

- Tiny clamp design for process signal
- High resolution and accuracy: 0.001mA & 0.2%
- Reserved IoT communication serial port
- Backlight for clear display (different view angle)
- BT communication



UT281F
10000A AC Flex Clamp

Page 098

- Long flex clamp: 1100mm (ϕ: 8mm)
- True RMS & 6000 display count
- Wide current range: 1mA to 10000 ACA
- Power test: 3600KW/KVA/KVAR
- Bluetooth
- CAT IV 600V & CE certificated



UT673PV+
Solar MPPT Tester

Page 048

- Large LCD with backlight
- Multiple readings all in one
- Max power test up to 2200W
- Bluetooth
- Data storage



UT337B
Laser Particle Counter

Page 138

- 6-channel measurement
- ISO/EU-GMP judgement modes
- Temperature, humidity and dew point measurement
- WiFi APP and PC connection
- 10000 groups of data storage
- Camera function
- Rechargeable lithium battery
- Data export



UT336P
Wireless Digital Pressure Gauge

Page 179

- Measurement range: -1 to 60bar
- High/low pressure switching and indication
- Settable High/Low pressure alarms
- 8000 sets of data storage
- Suitable for 90+ refrigerant types
- Bluetooth connection
- Compatible with temperature clamp
- IP54 protection



UT-M24
AC Electric Vehicle Charging Pile Test Adapter

Page 047

- Charging status simulation
- Charging fault/alarm simulation
- Compatible with multiple testers/terminals
- IP54 & CAT II 300V protection



UT541
15KW Photovoltaic I-V Curve Analyzer

Page 049

- I-V curve test: 15kW (with STC converting)
- Solar irradiance: 0~1300W/m²
- Working temp.: -40°C to 120°C
- Voc/Vmpp @OPC test: 1500V/20A
- Isc/Impp @OPC test: 0.10-20.00A
- CAT III 1500V & CE/ETL



UT336V
Digital Vacuum Gauge

Page 183

- Vacuum measurement range: 0~19,000 microns
- Ambient temperature measurement: -10.0~50.0°C
- Settable High/Low vacuum alarms
- 8000 sets of data storage
- Bluetooth connection
- Intelligent H2O State Judgement
- IP54 protection



UT336P KIT
Wireless Digital Pressure Gauge with Temperature Clamp

Page 180

- Measurement range: -1 to 60bar
- High/low pressure switching and indication
- Settable High/Low pressure alarms
- 8000 sets of data storage
- Suitable for 90+ refrigerant types
- Bluetooth connection
- Compatible with temperature clamp UT-T19
- IP54 protection
- Multiple accessories



UT572A
Earth Resistance Tester

Page 066

- 2/3/4-wire method for Grounding resistance measurement;
- Soil resistivity & Grounding voltage measurement
- Strong anti intereference
- Build in printer
- IP64 (with cap closed)
- 2600mAh lithium battery



UT685A KIT
TDR Cable Tester

Page 086

- Multi-functions all in one
- Multiple cable types supported
- Wire mapping
- Crimping test
- POE testing
- Wiring tracing



UT336E KIT
Digital Manifold Gauge with Wireless Temperature Clamps

Page 181

- 3.5" HD Color Screen
- Support Multiple Measurement Modes: Pressure, Temperature, Evacuation, Pressure Holding, Refrigeration
- 10000 Data Storage
- Superheating and subcooling automatic calculating
- Mobile wireless APP connection
- Settable LED alarm
- Support to connect UT320i and UT336V



UT320i
Wireless Temperature Clamp

Page 182

- Comes with FSTN display
- Wireless connectivity with UT336E and mobile APP
- 10000 groups of data storage
- Rechargeable Li-ion battery
- IP65 protection



UT377B
Pin Moisture Meter NEW

Page 137

- Pin-type measurement
- Wood and building materials measurement (7 modes)
- Ambient temperature measurement
- Audible buzzer and analog bar alarm
- LED flashlight
- 2-meter drop protection
- Max/Min/Data hold
- Self-test function



LM320D/E/F
Angle Meters NEW

Page 186

- 4 x 90° angle measurement
- Aluminum alloy frame
- Relative/absolute measurement modes
- Multiple unit options
- Rechargeable lithium battery
- LED backlight screen
- Equipped with a magnetic base
- Bidirectional laser scanning (LM320E only), three-way laser scanning (LM320F only)



UT381PV
Solar Irradiance Meter NEW

Page 139

- 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



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Digital Multimeters

Digital multimeter is a must-have tool for professional electrical engineers, electrical technicians and electronics engineers. Multimeters are tools used to detect and troubleshoot electrical and electronic devices. UNI-T's wide range of multimeter selection guarantees that you can find the most suitable multimeter that satisfies your needs.



UT197

Industrial Digital Multimeter

Built for reliability in harsh conditions, the UT197 true RMS multimeter offers precise readings with IP67, -40°C~55°C working temp., and 5m drop-proof. CAT IV 1000V safe for power, HVAC, and industrial work—all-in-one reliability.

Product Highlights:

- True RMS with 600000 count
- 12KV pulse impulse protection
- Harsh condition: -40°C~55°C
- 5m drop & IP67 protection
- Input terminal visible alarm
- Bluetooth & auto backlight

Specifications	Range	Accuracy
Manual language	**EN, FR, DE, IT, ES, SV, PL, CZ**	
AC current (A)	600.00uA~10.000A	±(0.5%+50)
DC current (A)	600.00uA~10.000A	±(0.1%+20)
AC+DC current (A)	600.0uA~10.00A	±(1.0%+5)
AC voltage (V)	600.00mV~1000.0V	±(0.3%+20)
Voltage (DCV) (60000 count)	600.00mV~1000.0V	±(0.03%+5)
Voltage (DCV) (600000 count)	600.000mV~1000.00V	±(0.015%+10)
Auto AC/DC voltage	600.0V	±(0.8%+5)
Voltage range (ACV+DCV)	600.0mV~1000V	±(0.8%+5)
Externalcurrent (DC) (Optional: UT-CS07)	100.0A (10mV/A)/1000A(1V/A)	±(1.5%+5)
Externalcurrent (AC) (Optional: UT-CS07)	100.0A (10mV/A)/1000A(1V/A)	±(1.5%+5)
Frequency (Hz)	10Hz~1MHz	±(0.002%+5)
Resistance (Ω)	600.00Ω~60.00MΩ	±(0.07%+2)
Capacitance (F)	60.00nF~60.00mF	±(0.8%+3)
Temperature (°C)	-40°C~1000°C	±(1.0%+15)
Temperature (°F)	-40°F~1832°F	±(1.0%+30)
Duty cycle (%)	10Hz~10kHz (10%~90%)	±(1.2%+5)
True RMS value	√	
Display count	600000 (DCV); 9999 (frequency)	
Diode test	3.0V	
Non-Contact voltage	√	
Peak capture	√	
Maximum/Minimum value	√	
High voltage alarm	√	
Miswired probe alarm	√	
Overrange indicator	√	
Bluetooth	√	
Drop test	5m	
IP protection level	IP67	
Safety standard level	CAT IV 1000V	

Characteristics	
Power supply	Alkaline battery AA x 3pcs; 800 hours working time
Product color	Black + Red
Product dimension	220 x 103.5 x 64.5 (hand holding: 94.5 x 48mm)



IP67 · 5m drop · High Ruggedness · Bluetooth · CAT IV 1000V · True RMS

GET IT ON Google Play · Download on the App Store

Get the UNI-T Smart Measure!

- Generating testing report;
- Generating real-time charts;
- Export multiple test data: PDF/XLS/JPEG/CSV;





UT15B/17B/18B MAX

True RMS Digital Multimeters

UT15B/17B/18B MAX series True RMS multi-meters have a compact and portable design, fast response, strong anti-interference, and come with standard gold-plated test leads and gold-plated fine-tipped test leads. They are the ideal tools for electronic and electrical engineers.

Product Highlights:

- Compact & ergonomic design
- Two Bussman fuses for input protection
- Mis-plug alarm for Ampere test
- Bias signal measurement
- Gold-plated and fine-tipped probes

All the models in this page share the same mold.

Models		UT15B MAX/UT17B MAX/UT18B MAX
Manual language	**EN, FR, DE, IT, ES, SV, PL, CZ**	
Voltage (DC)	600.0mV/6.000V/60.00V/600.0V/1000V	±(0.4%+3)
Voltage (AC)	600.0mV/6.000V/60.00V/600.0V/1000V	±(0.5%+5)
VFD (Voltage)	600.0V	±(8%)
Current (AC)	600.0μA/6000μA /60.00mA/600.0mA/6.000A/10.00A	±(1.2%+3)
Current (DC)	600.0μA/6000μA /60.00mA/600.0mA/6.000A/10.00A	±(1.2%+3)
Resistance	600.0Ω/6.000kΩ/60.00kΩ /600.0kΩ/6.000MΩ/60.00MΩ	±(0.5%+2)
Capacitance	6.000nF/60.00nF~600.0μF/6000μF	±(2.0%+5)
Frequency (Hz)	10Hz~10MHz	±(0.1%+3)
Duty cycle	1%~99.9%	±(1.0%+4)
Display count	6000	
Overvoltage category	CAT III 600V	

Main features	UT15B MAX	UT17B MAX	UT18B MAX
Temperature (°C/°F)		-55°C~500°C/-67°F~932°F (±2°C/±4°F)	
VFD	√	√	√
Continuity/Diode	√	√	√
Data hold	√	√	√
MAX/MIN	√	√	
Relative mode	√	√	√
LED test			√
Mis-plug alarm	√	√	√
Any-key wake up	√	√	√

Characteristics	
Power supply	2 x 1.5V AA
Product color	426U+1797C
Product weight	455g
Product dimension	182 x 91 x 45mm
Accessories	1pcs User manual, 2 pair Test lead (normal gold plated probe & Fine-tipped probe), 1pcs K-type thermocouple (UT17B/UT18B MAX only), 2pcs battery, Magnetic hanger (optional)
SPQ	10 pcs
Package dimension	480 x 370 x 195mm
Standard package gross weight	Around 9kg



UT18B MAX

Mis-plug alarm · Input protection · CAT III 600V · True RMS





(Optional)



UT33+ SERIES

Palm Size Digital Multimeters

The UT33+ series multimeters set a new standard for entry-level performance, featuring a durable design that can withstand 2-meter drops and a clear LCD display for enhanced user experience.

Product Highlights:

- 2m drop protection
- Clear LCD display
- Comfortable protective shell
- Diode/continuity buzzer
- Ergonomic design for entry level
- APO & auto backlight off

All the models in this page share the same mold.

Specifications	Range	UT33A+	UT33B+	UT33C+	UT33D+
DC voltage (V)	200mV~600V	±(0.5%+2)	±(0.5%+2)	±(0.5%+2)	±(0.5%+2)
AC voltage (V)	200mV~600V	±(0.7%+3)	±(0.7%+3)	±(0.7%+3)	±(0.7%+3)
DC current (A)	10A	±(1%+2)			
	200μA~10A		±(1%+2)		
	2000μA~10A			±(1%+2)	±(1%+2)
AC current (A)	10A	±(1.2%+3)			
Resistance (Ω)	200MΩ	±(0.8%+2)			
	200Ω~200MΩ				±(0.8%+2)
	200Ω~20MΩ		±(0.8%+2)	±(0.8%+2)	
Capacitance (F)	2mF	±(4%+8)			
Temperature	-40°C~1000°C			±(1%+4)	
	-40°F~1832°F			±(1.5%+5)	
Display count		2000	2000	2000	2000
Range selection		Auto	Manual	Manual	Manual
Battery test			1.5V/9V/12V	1.5V/9V/12V	1.5V/9V/12V
NCV					√
Overvoltage category		CAT II 600V	CAT II 600V	CAT II 600V	CAT II 600V

Characteristics	
Standard accessories	Batteries, test leads, k-type thermocouple (UT33C+), English manual
Power	1.5V battery (R03) x 2
Display	53 x 28mm
Product size	134 x 77 x 47mm
Product net weight	206g (batteries included)
Standard individual packing	Gift box
Standard quantity per carton	60pcs
Standard carton measurement	640 x 310 x 350mm
Standard carton gross weight	UT33A+: 18.6kg; UT33B+: 19.4kg; UT33C+: 20.2kg; UT33D+: 19.8kg



UT33A+

2m drop | CAT II 600V





UT131 SERIES

Palm Size Digital Multimeters

The UT131 series multimeters set a new standard for entry-level performance, featuring a durable design that can withstand 2-meter drops and a clear LCD display for enhanced user experience. With safety certifications for CAT II 600V environments and CE compliance for the UT131 series, these devices offer a reliable and user-friendly solution for various electrical measurement needs.

Product Highlights:

- 2m drop protection
- Clear LCD display
- Comfortable protective shell
- Diode/continuity buzzer
- Ergonomic design for entry level
- APO & auto backlight off

All the models in this page share the same mold.

Specifications	Range	UT131A	UT131B	UT131C	UT131D
DC voltage (V)	200mV~600V	±(0.5%+2)	±(0.5%+2)	±(0.5%+2)	±(0.5%+2)
AC voltage (V)	200mV~600V	±(0.7%+3)	±(0.7%+3)	±(0.7%+3)	±(0.7%+3)
DC current (A)	10A	±(1%+2)			
	200μA~10A		±(1%+2)		
	2000μA~10A			±(1%+2)	±(1%+2)
AC current (A)	10A	±(1.2%+3)			
Resistance (Ω)	200MΩ	±(0.8%+2)			
	200Ω~200MΩ				±(0.8%+2)
	200Ω~20MΩ		±(0.8%+2)	±(0.8%+2)	
Capacitance (F)	2mF	±(4%+8)			
Temperature	-40°C~1000°C			±(1%+4)	
	-40°F~1832°F			±(1.5%+5)	
Display count		2000	2000	2000	2000
Range selection		Auto	Manual	Manual	Manual
Battery test			1.5V/9V/12V	1.5V/9V/12V	1.5V/9V/12V
NCV					√
Overvoltage category		CAT II 250V	CAT II 250V	CAT II 250V	CAT II 250V

Characteristics	
Standard accessories	Batteries, test leads, k-type thermocouple (131C), English manual
Power	1.5V battery (R03) x 2
Display	66 x 51mm
Product size	134 x 77 x 47mm
Product net weight	206g (batteries included)
Standard individual packing	Gift box
Standard quantity per carton	60pcs
Standard carton measurement	640 x 310 x 350mm
Standard carton gross weight	131A: 18.6kg; 131B: 19.4kg; 131C: 20.2kg; 131D: 19.8kg



UT131A

2m drop | CAT II 250V



UT39+ SERIES
Digital Multimeters

UT39+ series digital multimeters are portable devices designed for the electrical industry. They feature overvoltage and overcurrent alarm and high voltage protection, triggered during faulty operation. They are suitable for electronics design work.

Product Highlights:

- Transistor hFE measurement
- Comfortable protective shell
- Diode/continuity buzzer
- Ergonomic design for entry level
- APO & auto backlight off

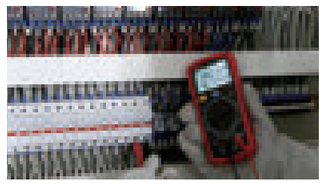


UT39E+

2m drop

CAT II 1000V CAT III 600V







All the models in this page share the same mold.

Specifications	Range	UT39A+	UT39C+	UT39E+
DC voltage (V)	400mV~1000V 200mV~1000V	±(0.5%+5)	±(0.5%+5)	±(0.05%+3)
AC voltage (V)	4V~750V 200mV~1000V	±(0.8%+3)	±(0.8%+3)	±(0.5%+10)
DC current (A)	40μA~10A 400μA~10A 2000uA~20A	±(0.8%+3)	±(0.8%+3)	±(0.5%+5)
AC current (A)	40mA~10A 4mA~10A 2000uA~20A	±(1%+2)	±(1%+2)	±(0.8%+10)
Resistance (Ω)	400Ω~200MΩ 400Ω~40MΩ 200Ω~200MΩ	±(0.8%+2)	±(0.8%+2)	±(0.3%+2)
Capacitance (F)	10mF 2000μF	±(4%+5)	±(4%+5)	±(4%+20)
Frequency (Hz)	10Hz~1MHz 10Hz~2MHz		±(0.1%+4)	±(0.1%+3)
Temperature	-40°C~1000°C -40°F~1832°F		±(1%+4) ±(1.5%+5)	±(1%+5) ±(1.5%+5)
Conductance (nS)	0.1~100nS			±(1%+3)
Display count		4000	4000	20000
NCV			√	√
Overvoltage category	CAT II 1000V, CAT III 600V			

Characteristics	
Standard accessories	Test leads, temperature probe (UT39C+/E+), English manual
Power	1.5V battery (R03) x 2
Display	56.5 x 36mm
Product size	175 x 83 x 53mm
Product net weight	330g
Standard individual packing	Gift box
Standard quantity per carton	30pcs
Standard carton measurement	390 x 355 x 340mm
Standard carton gross weight	14.5kg

UT60 SERIES
Digital Multimeters

The UT60EU and UT60BT are compact multimeters designed for portability and ease of use. These pocket-sized devices pack a range of essential measurement function. They are the ideal tools for electronic technicians, hardware developers, and DIY enthusiasts seeking precision and convenience in a portable package.

Product Highlights:

- 9999 display count & True RMS
- Compact and Ergonomic design
- Auto range & NCV detection
- Continuity & Diode test
- Visible indication
- APO & Low battery indication



UT60S



UT60BT
(UT60EU/UT60BT share the same mold)

CAT II 1000V CAT III 600V

True RMS

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Specifications	Range	UT60EU	UT60BT	UT60S
DC Voltage	9.999mV~999.9mV/ 9.999V~999.9V	±(0.5%+3)	±(0.5%+3)	±(0.5%+3)
AC Voltage	9.999mV~999.9mV/ 9.999V~999.9V	±(0.8%+3)	±(0.8%+3)	±(0.8%+3)
DC Current	999.9uA~10A	±(0.8%+3)	±(0.8%+3)	±(0.8%+3)
AC Current	999.9uA~10A	±(1.0%+3)	±(1.0%+3)	±(1.0%+3)
Resistance	999.9Ω~99.99MΩ	±(0.8%+2)	±(0.8%+2)	±(0.8%+2)
Capacitor	9.999nF~9.99mF 9.999nF~99.9mF	±(4.0%+5)	±(4.0%+5)	±(4.0%+5)
Frequency	99.99Hz~9.999MHz	±(0.1%+5)	±(0.1%+5)	±(0.1%+5)
Duty cycle (%)	0.1~99.9%	±(3%+5)	±(3%+5)	±(3%+5)
Temperatue (°C/°F)	-40°C~1000°C/-40°F~1832°F	±4°C/±5°F	±4°C/±5°F	±4°C/±5°F
Main features		**UT60EU**	**UT60BT**	**UT60S**
Bluetooth			√	
Buttons design				√
Display count	9999			
Auto range	√			
REL	√			
NCV	√			
Diode	√			
Continuity test	√			
Visible indication	NCV/continuity/battery power			
Low battery indication	≤3.6V			
Data hold	√			
Auto power off	15Min			
Operating temperature	0°C~40°C			
Safety	CATII 1000V/CATIII 600V			

Characteristics	
Battery	1.5V AAA x 3
Product color	Red and gray
Product net weight	290g
Product size	169 x 81 x 46mm
Standard accessories	Gift box, manual, thermocouple, test lead, batteries
Standard quantity per carton	20pcs
Standard carton size	420 x 320 x 300mm

UT61+ SERIES

1000V True RMS Digital Multimeters

The UT61+ series are true RMS digital multimeters with display counts of 6000 (UT61B+/UT61D+) and 22,000 (UT61E+). They measure up to 1000V AC/DC and feature alarms for high voltage/current, suitable for diverse applications.

Product Highlights:

- Audible/visible alarm for NCV
- 22000 display count (UT61E+)
- LoZ ACV(UT61D+ only)
- Transistor hFE (UT61E+)
- Gold plated test leads
- 10KHz bandwidth (UT61E+)



Gold plated test leads



UT61E+

All the models in this page share the same mold.

Specifications	Range	UT61B+	UT61D+	UT61E+
AC voltage (V)	1000V	±(1%+3)	±(1%+3)	±(0.8%+10)
DC voltage (V)	1000V	±(0.5%+3)	±(0.5%+3)	±(0.05%+5)
AC current (A)	10A 20A	±(1.2%+5)	±(1.2%+5)	±(0.8%+10)
DC current (A)	10A 20A	±(1%+2)	±(1%+2)	±(0.5%+10)
Resistance (Ω)	60MΩ 220MΩ	±(1%+2)	±(1%+2)	±(0.5%+10)
Capacitance (F)	60mF 220mF	±(3%+5)	±(3%+5)	±(3%+5)
Frequency (Hz)	10MHz 220MHz	±(0.1%+4)	±(0.1%+4)	±(0.01%+5)
Duty cycle (%)	0.1%~99.9%	±(2%+5)	±(2%+5)	±(2%+5)
Temperature (°C/°F)	-40°C~1000°C -40°F~1832°F		±(1%+3) ±(1%+6)	
Display count		6000	6000	22000
Bluetooth		√	√	√
Bandwidth (Hz)		40Hz~500Hz	40Hz~1kHz	40~10kHz
LPF ACV				√
LoZ ACV			√	
ACV+DCV				√
Transistor hFE				√
Peak hold			√	√
Analog bar		31	31	46
Overvoltage category	CAT III 1000V, CAT IV 600V			

Characteristics	
Standard accessories	Battery, gold plated test leads, USB cable, temperature probe (D+/D), multi-purpose socket (E+/E), English manual
Optional accessories	Bluetooth adaptor (UT-D07B)
Power	1.5V battery (R03) x 4
Product size	190 x 90 x 50mm
Product net weight	350g
Standard individual packing	Gift box, cloth bag
Standard quantity per carton	20pcs
Standard carton measurement	480 x 370 x 365mm
Standard carton gross weight	15.2kg

USB | True RMS | CAT III 1000V | CAT IV 600V

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UT-D07B (Optional)



UT161 SERIES

1000V True RMS Digital Multimeters

The UT161 series are true RMS digital multimeters with display counts of 6000 (UT161B/UT161D) and 22,000 (UT161E). They measure up to 1000V AC/DC and feature alarms for high voltage/current, suitable for diverse applications.

Product Highlights:

- Audible/visible alarm for NCV
- 22000 display count (UT161E)
- LoZ ACV(UT161D only)
- Transistor hFE (UT161E)
- Gold plated test leads
- 10KHz bandwidth (UT161E)



Gold plated test leads



UT161B

All the models in this page share the same mold.

Specifications	Range	UT161B	UT161D	UT161E
AC voltage (V)	1000V	±(1%+3)	±(1%+3)	±(0.8%+10)
DC voltage (V)	1000V	±(0.5%+3)	±(0.5%+3)	±(0.05%+5)
AC current (A)	10A 20A	±(1.2%+5)	±(1.2%+5)	±(0.8%+10)
DC current (A)	10A 20A	±(1%+2)	±(1%+2)	±(0.5%+10)
Resistance (Ω)	60MΩ 220MΩ	±(1%+2)	±(1%+2)	±(0.5%+10)
Capacitance (F)	60mF 220mF	±(3%+5)	±(3%+5)	±(3%+5)
Frequency (Hz)	10MHz 220MHz	±(0.1%+4)	±(0.1%+4)	±(0.01%+5)
Duty cycle (%)	0.1%~99.9%	±(2%+5)	±(2%+5)	±(2%+5)
Temperature (°C/°F)	-40°C~1000°C -40°F~1832°F		±(1%+3) ±(1%+6)	
Display count		6000	6000	22000
Bluetooth		√	√	√
Bandwidth (Hz)		40Hz~500Hz	40Hz~1kHz	40~10kHz
LPF ACV				√
LoZ ACV			√	
ACV+DCV				√
Transistor hFE				√
Peak hold			√	√
Analog bar		31	31	46
Overvoltage category	CAT III 1000V, CAT IV 600V			

Characteristics	
Standard accessories	Battery, gold plated test leads, USB cable, temperature probe (D+/D), multi-purpose socket (E+/E), English manual
Optional accessories	Bluetooth adaptor (UT-D07B)
Power	1.5V battery (R03) x 4
Product size	190 x 90 x 50mm
Product net weight	350g
Standard individual packing	Gift box, cloth bag
Standard quantity per carton	20pcs
Standard carton measurement	480 x 370 x 325mm
Standard carton gross weight	17.8kg

USB | True RMS | CAT III 1000V | CAT IV 600V

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UT-D07B (Optional)



UT71 SERIES

Intelligent Digital Multimeters

UT71 series can quickly solve complex problems on electronics, factory automation, distributionand electronic engineering equipment. We can set upper and lower limits, a very useful feature for improving electronics mass production inspection and screening efficiency.

Product Highlights:

- High display count
- Mis-plug alarm
- Auto/Manual selectable
- Data logging
- Duty cycle
- Loop current measurement



UT71E

Specifications	Range	UT71A	UT71B	UT71C	UT71D	UT71E
DC voltage (V)	1000V	±(0.1%+8)	±(0.05%+5)	±(0.025%+5)	±(0.025%+5)	±(0.025%+5)
AC voltage (V)	1000V	±(0.8%+40)	±(0.6%+40)	±(0.4%+30)	±(0.4%+30)	±(0.4%+30)
DC current (A)	10A	±(0.2%+20)	±(0.15%+20)	±(0.1%+15)	±(0.1%+15)	±(0.1%+15)
AC current (A)	10A	±(1%+15)	±(0.8%+15)	±(0.7%+15)	±(0.7%+15)	±(0.7%+15)
Resistance (Ω)	20MΩ	±(0.5%+20)	±(0.4%+20)			
	40MΩ			±(0.3%+8)	±(0.3%+8)	±(0.3%+8)
Capacitance (F)	20mF	±(1.5%+20)	±(1.2%+20)			
	40mF			±(1%+20)	±(1%+20)	±(1%+20)
Frequency (Hz)	20Hz~200MHz	±(0.1%+15)	±(0.1%+15)			
	40Hz~400MHz			±(0.01%+8)	±(0.01%+8)	±(0.01%+8)
Temperature	-40°C~1000°C		±(1%+30)	±(1%+30)	±(1%+30)	±(1%+30)
	-40°F~1832°F		±(1.5%+50)	±(1.5%+50)	±(1.5%+50)	±(1.5%+50)
Power	2500W					(2%+5)
Display count		20000	20000	40000	40000	40000
Bluetooth		√	√	√	√	√
Data storage			100 sets	100 sets	9999 sets	100 sets
Category ratings	CAT III 1000V, CAT IV 600V					

Characteristics	
Standard accessories	Battery, test leads, test clips, USB interface cable, power adaptor (UT71E) point contact temperature probe (UT71B/UT71C/UT71D/UT71E), English manual
Power	9V battery (6F22)
Display	73 x 50mm
Product size	200 x 93 x 40mm
Product net weight	384g
Standard individual packing	Gift box, carrying bag
Standard quantity per carton	10pcs
Standard carton measurement	UT71A/UT71B/UT71C/UT71D: 515 x 380 x 205mm; UT71E: 540 x 360 x 275mm
Standard carton gross weight	UT71A/UT71B/UT71C/UT71D: 9.8kg; UT71E: 12.5kg

CAT III 1000V | CAT IV 600V | True RMS | Bluetooth

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UT-D07B (Optional)



UT105+/UT107+

Automotive Multimeters

The UT105+ and UT107+ Automotive Multimeters are upgraded with enhanced functions, accuracy, and a redesigned shell for testing conventional. They offer RPM, dwell angle, pulse width, and battery test capabilities. With a wide measurement range of 1000V AC/DC voltage and 10A AC/DC current (20A for 10s), they are suitable for vehicle and electrical maintenance, including variable-frequency motor drives and HVAC systems.

Product Highlights:

- RPM test
- Dwell angle test
- VFC test
- High voltage alarm

Specifications	Range	UT105+	UT107+
DC voltage (V)	400.0mV~1000V	±(0.5%+3)	
	600.0mV~1000V		±(0.5%+3)
AC voltage (V)	4.000V~1000V	±(0.8%+3)	
	6.000V~1000V		±(0.8%+3)
AC current (A)	4.000mA~10A (20A for 10s max)	±(1.0%+8)	
	6.000mA~10A (20A for 10s max)		±(1.0%+8)
DC current (A)	4.000mA~10A (20A for 10s max)	±(0.8%+8)	
	6.000mA~10A (20A for 10s max)		±(0.8%+8)
Resistance (Ω)	400.0Ω~40MΩ	±(0.8%+3)	
	600.0Ω~60MΩ		±(0.8%+3)
Capacitance (F)	6.000nF~100mF		±(3%+10)
Frequency (Hz)	10Hz~10MHz	±(0.1%+5)	±(0.1%+5)
Temperature (°C)	-40°C~1000°C	±(1.0%+3)	±(1.0%+3)
Temperature (°F)	-40°F~1832°F	±(1.5%+5)	±(1.5%+5)
VFC	1000V	±(2.0%+10)	±(2.0%+10)
RPM	2STR	±(3.0%+5)	±(3.0%+5)
	4STR	±(3.0%+3)	±(3.0%+3)
Dwell angle	1CYL(0~356.4°) /2CYL (0~178.2°) /3CYL (0~118.8°)/4CYL (0~89.1°) /5CYL (0~71.3°)/6CYL (0~59.4°) /8CYL (0~44.5°)	±(3.0%+5)	±(3.0%+5)
Pulse width	999.9mS		±(1.5%+10)
Battery test	12V		±(2.5%+3)
Display count		4000	6000
High voltage alarm			√
Over range alarm			√
Backlight			√
Low battery indication	<2.4V approximately	√	√
Auto power off	Approximately 15 minutes	√	√
Drop proof		1m	1m
Overvoltage category	CAT II 1000V, CAT III 600V		



UT105+



UT107+

1m drop | Dual fuses | CAT II 1000V | CAT III 600V | True RMS



UT89X SERIES

True RMS Digital Multimeters

The UT89X series is a range of true-RMS, high-resolution, precision digital multimeters with comprehensive functionality. Designed to meet CAT II 1000V/CAT III 600V safety standards, these products feature overvoltage/overcurrent alarm functions and full-range protection against high-voltage misoperation.

Product Highlights:

- 1000V AC/DC voltage test
- 20A AC/DC current test
- Audible/visual alarm
- PEAK & LPF function

Specifications	Range	UT89X	UT89XD	UT89XE
DC voltage (V)	600mV~1000V 200mV~1000V	±(0.5%+2)	±(0.5%+2)	±(0.05%+5)
AC voltage (V)	6V~1000V 200mV~1000V	±(0.8%+5)	±(0.8%+5)	±(0.8%+25)
DC current (A)	60μA~20A 2000μA~20A	±(0.8%+8)	±(0.8%+8)	±(0.5%+4)
AC current (A)	60mA~20A 2000uA~20A	±(1%+12)	±(1%+12)	±(1.5%+15)
Resistance (Ω)	600Ω~60MΩ 200Ω~200MΩ	±(0.8%+3)	±(0.8%+3)	±(0.4%+5)
Capacitance (F)	6nF~100mF 20.000nF~200mF	±(2.5%+20)	±(2.5%+20)	±(4%+50)
Conductance (ns)	200nS			±(1.2%+50)
Frequency (Hz)	9.999Hz/9.999MHz 200.00Hz~60MHz	±(0.1%+4)	±(0.1%+4)	±(0.1%+3)
Duty cycle	0.1%~99.9%	±(2%+5)	±(2%+5)	
Temperature (°C)	-40°C~1000°C	±(2%+4)		±(1%+10)
Display count		6000	6000	20000
Live wire test		√ (>60V, 50Hz/60Hz)		
LED test			12V	
Audible/visual alarm	V/A/Cap/Diode	Live/hFE/NCV	Live/hFE/NCV	√
Continuity/Diode		√	√	√
Transistor hFE		√	√	
High voltage/Voltage OL alarm		√	√	√
Any-key awake		√	√	
NCV test		√	√	
Backlight		√	√	√(auto)
Flashlight		√	√	
MAX/MIN				√
Peak Hold				√
LPF measurement				√
Drop proof		1m	1m	1m
Overvoltage category	CAT II 1000V, CAT III 600V			

Characteristics	
Power	4x1.5VAAA
Product color	Red + Grey
Product weight	345g
Product dimension	189 x 89 x 53mm
Standard accessories	Manual, test lead, temperature probe (UT89X, UT89XE)
SPQ	20 pcs
Package dimension	690 x 450 x 340mm
Package weight	Around 12kg



UT89XE
(UT89X/UT89XD share the same mold)

1m drop | Audible /Visible Alarm | CAT II 1000V | CAT III 600V | True RMS

Capacitor Measurement	
	Fully charged
	Charging in progress

LED Test (UT89XD only)	
	Normal LED, forward voltage within 11.1V DC
	LED not working



UT116 SERIES

SMD Testers

The UT116 series is a compact, integrated, and practical measurement meter with LED testing, continuity check, and battery test(UT116C) functions. It can automatically identify resistors, capacitors, and diodes, making it convenient for component screening. Primarily used for measuring SMD resistors, capacitors, and diodes, it serves as an excellent tool for electronics manufacturing and repair.

Product Highlights:

- Auto identify
- Auto range
- Diode/Continuity test
- LED test
- Auto power off
- Low battery indication

Specifications	UT116A	UT116C
Certificates	**CE, UKCA**	
Display count	3000	6000
Resistance	300Ω~30MΩ; ±(1.5%+5)	600Ω~60MΩ; ±(1.0%+10)
Capacitance	3nF~30mF; ±(2.5%+5)	9.999nF~100mF; ±(2.5%+10)
Diode test	3V	3.2V
LED/stabilivolt	About 21V/1mA	About 21V/1mA
Continuity Test	<30Ω	<50Ω
DCV	36V	
Battery test		Load current≈10mA
Auto scan identification	√	
Select	√	√
HOLD	√	√
Low battery indication	√	√
Auto power off	√	√

Characteristics	
Standard accessories	Battery, English manual
Power	1.5V battery (R03) x 2
Display	39 x 20mm
Product size	204 x 33 x 25mm
Product net weight	About 80g
Standard individual packing	Gift box
Standard quantity per carton	60pcs
Standard carton measurement	440 x 420 x 210mm
Standard carton gross weight	About 7.1kg



Probe attachment

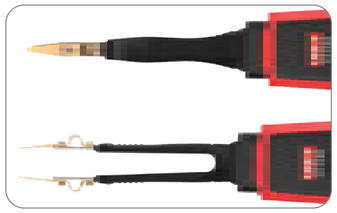


LED measurement



UT116C

Auto range | Auto identify | Data hold | Portable design



The pen can be rotated by 180° for easy reading and operation

UT117C

High-precision True RMS Digital Multimeter

The UT117C, a high-precision true RMS multimeter designed for electronic electricians. Experience fast response, exceptional precision, compact size, and effortless operation. This reliable tool ensures accurate measurements even after a 2-meter drop, making it an ideal choice for professionals in the field.

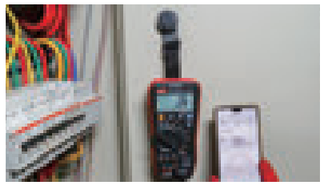
Product Highlights:

- True RMS with 60000 count
- Fast measurement
- Ergonomic design
- Bussmann Fuse for input protection

Model	UT117C	
Manual language	**EN, FR, DE, IT, ES, SV, PL, CZ**	
AC voltage	600.00mV/6.0000V/60.000V/600.00V	±(1%+30)
AC current	6.0000A/10.000A	±(1.5%+30)
DC voltage	600.00mV/6.0000V/60.000V/600.00V	±(0.3%+10)
DC current	6.0000A/10.000A	±(0.5%+10)
Auto-V Loz	600.0V	±(1%+3)
LPF voltage (ACV)	600.0V	±(2%+3)
Frequency	99.99Hz/999.9Hz/9.999KHz/50.00KHz	±(0.01%+3)
Resistance	600.00Ω~6.0000MΩ	±(0.5%+5)
	40.000MΩ	±(3%+5)
Capacitance	1000nF/10.00uF/100.0uF	±(1.9%+5)
	1000uF/10000uF	±(2.5%+5)
Display count	60000	
Bluetooth	√	
External current clamp	input ratio: 1mV/A	
Auto power off	Around 15 minutes	
LCD backlight	Auto power off after 5 minutes	
Drop test	2m	
Overvoltage category	CAT III 600V	

Characteristics	
Power supply	1.5V AAA x 3
Product color	Red + Grey
Product weight	Around 346g
Product dimension	169 x 84 x 48.8mm
Accessories	Test probe x 1 pair, Battery, Magnetic strap x 1 pcs, User manual x 1 pcs
Package quantity	20 pcs / package
Package size	420 x 345 x 315mm







UT117C

Ergonomic design | 2m drop | CAT III 600V | True RMS

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- Generating testing report;
- Generating real-time charts;
- Export multiple test data: PDF/XLS/JPEG/CSV;



UT118C

Pen-type Meter

The UT118C Pen-type meter is a lightweight and durable device that boasts True RMS measurement capability, allowing for accurate readings. It is an excellent and cost-effective choice for residential appliance repair and DIY enthusiasts.

Product Highlights:

- Multi-function all in one
- Audible and Visible indication
- Built-in test lead holder
- Fine-tipped test lead for R&D
- Pen type design



Cap closed



CAT III 600V
CAT IV 300V



CAT II 600V

Specifications		
Manual language	**EN, FR, DE, IT, ES, SV, PL, CZ**	
DC voltage (V)	6.000V/60.00V/600.0V	±(1%+3)
AC voltage (V)	6.000V/60.00V/600.0V	±(1%+4)
Resistance	600.0Ω/6.000kΩ/60.00kΩ/600.0kΩ	±(1%+3)
	6.000MΩ	±(1.5%+5)
	60.00MΩ	±(2.5%+5)
Capacitance	600.0nF/6.000uF/60.00uF/600.0uF	±(3.5%+8)
	6.000mF	±(5.0%+9)
	60.00mF	±(10.0%+9)
Frequency	99.99Hz/999.9Hz/9.999kHz /99.99kHz/999.9kHz	±(0.01%+5)
Display count	6000	
Duty cycle	0.1% to 99.9%	
NCV/LIVE test	√	
True RMS	√	
Diode	√	
Continuity	√	
Auto range	√	
Auto power off	√	
Flash light	√	

Characteristics	
Power supply	AAA x 1
Product dimension	182.5 x 38.0 x 38.5mm
Product color	Gray + Red
Accessories	User manual 1pcs, 1.5V AAA battery 1pcs



CAT III 600V | CAT IV 300V | True RMS





UT120 SERIES

Pocket Size Digital Multimeters

UT120 series multimeters are designed for DIYers and electronics engineersto troubleshoot electronics systems development and electronics circuits.It is a simple and portable multimeter for every electronics engineer.

(UT120A/UT120B only)

Product Highlights:

- Auto range measurement
- Pocket size design
- Duty cycle: 0.1%~99.9%
- Continuity & Diode measurement
- Data hold & Relative mode
- APO & Low battery indication



UT120C

All the models in this page share the same mold.

Specifications	Range	UT120A/UT120B/UT120C
DC voltage (V)	4V/40V/400V/600V	±(0.8%+1)
AC voltage (V)	4V/40V/400V/600V	±(1.2%+3)
DC current (A)	400μA/4mA/40mA/400mA	±(1.0%+3) (UT120C)
AC current (A)	400μA/4mA/40mA/400mA	±(1.5%+5) (UT120C)
Resistance (Ω)	400Ω/4KΩ/40KΩ/400KΩ/4MΩ/40MΩ	±(1%+2)
Capacitance (F)	4nF/40nF/400nF/4μF/40μF/100μF	±(4%+3) (UT120B/UT120C)
Frequency (Hz)	99.99Hz~99.99KHz	±(0.5%+3)
Main features		
Display count		3999
Auto range		√
Duty cycle	0.1%~99.9%	√
Diode	1mV	√
Auto power off	Around 30 minutes	√
Continuity		√
Low battery indication	≤2.4V	√
Data hold		√
REL		√

Characteristics	
Standard accessories	Blister, English manual
Power	3V battery (CR2032)
Display	43 x 22mm
Product size	110 x 58.2 x 10.8mm
Product net weight	76g
Standard individual packing	Gift box
Standard quantity per carton	60pcs
Standard carton measurement	430 x 255 x 460mm
Standard carton gross weight	11.5kg

CAT II 600V





UT121 SERIES

Smart Digital Multimeters

The UT121 series offers a range of multifunctional, ultra-thin multimeters with large screens, perfect for home electrical maintenance, basic testing, and non-professional troubleshooting. Their intuitive interface and advanced capabilities make these devices the reliable choice for efficient electronic measurements.

Product Highlights:

- Large LCD screen with dual display
- Auto range & smart measurement
- Multi-functional all in one
- APO & Low battery indication



UT121A



UT121B



UT122

Specifications	Range	UT121A	UT121B	UT122
Manual language	**EN, RU, ES**			
AC voltage (V)	6V/60V/600V	±(1.0%+3)		±(1.0%+3)
	6V/60V/600V/750V		±(1.5%+3)	
AC voltage frequency (Hz)	10Hz~1kHz	±(0.5%+2)	±(0.5%+2)	±(0.5%+2)
DC voltage (V)	6V/60V/600V	±(0.7%+3)		±(0.5%+3)
	6V/60V/600V/1000V		±(1.2%+3)	
Resistance (Ω)	6000Ω/60KΩ/600KΩ/6MΩ/10MΩ	±(2.0%+5)		
	600Ω/6KΩ/60KΩ/600KΩ/60MΩ		±(2%+5)	
	600Ω/6KΩ/60KΩ/600KΩ/6MΩ/60MΩ			±(2.0%+5)
Capacitance (F)	60nF/600nF~600μF/6000uF~60mF		±(10%+5)	
	99.99nF/999.9nF~9.999μF /9.999mF~99.99mF			10%
Frequency (Hz)	10Hz~10MHz		±(0.1%+3)	±(0.1%+3)
Temperature (°C/°F)	–40°C~1000°C/–40°F~1832°F		±3°C/±6°F	±3°C/±6°F
Main features				
Display count		6199		
Auto range		√		
Dual display		√		
Data hold		√		
Duty cycle		√ (UT122 only)		
NCV/LIVE		√		
Continuity buzzer		√		
Diode test		√ (UT121B & UT122)		
Low battery indication & APO		√		
Flash light & Backlight		√		
High voltage alarm		√		
Overvoltage category		CAT III 600V		

Characteristics	
Standard accessories	Batteries, test leads, temperature probe (UT121B/UT122), English manual
Power	UT121A/UT121B: 1.5V AAA x 2; UT122: 3.7V Lithium battery
Display	UT121A/UT121B: 52 x 66mm; UT122: 65 x 55mm
Product size	UT121A/UT121B: 143 x 74 x 17mm; UT122: 144 x 71 x 15.5mm
Product net weight	UT121A/UT121B: 142g; UT122: 157g
Standard individual packing	Gift box, carrying bag

High voltage alarm | NCV | NCV | CAT III 600V | True RMS



UT123 SERIES

Residential Digital Multimeters

(UT123T/UT123D only)

(UT123T only)

The UT123 series are pocket-sized multimeters designed for home use. Its compact construction makes it easy to operate, and the EBTN screen allows users to get clear readings at the different angle, also suitable for use in dark environments. They are good tools for home or DIY enthusiasts.

Product Highlights:

- True RMS & button design (UT123D only)
- Pocket size design
- Auto range & Continuity (UT123/UT123T only)
- Audible & Visible alarm
- APO & Low battery indication
- Data hold & NCV test



UT123
(UT123/UT123T share the same mold)



UT123D

LED FUNCTION DESCRIPTIONS

Functions	LED off	Green LED	Yellow LED	Red LED
*NCV		30V~60V	60V~100V	>220VAC
Continuity (UT123/123T)	>420Ω	Good (≤30Ω)		Poor (30Ω~420Ω)
Battery power (LED ON for 2s when power on)		Normal (>2.7V)	Low (2.5V~2.7V)	No power (<2.5V)

*NCV voltage values above are tested at contact distance (0cm) from the charged bare wire, it is used for reference only. When meter is at some distance away from test object, NCV indication light may change to the weaker voltage color.

Specifications	Range	UT123/UT123T	UT123D
DC voltage (V)	600V	±(0.5%+2)	±(0.5%+3)
AC voltage (V)	600V	±(1%+3)	±(0.8%+3)
DC Current (A)	10A		±(1%+3)
AC Current (A)	10A		±(1.2%+3)
Resistance (Ω)	20MΩ	±(0.8%+2)	
	40MΩ		±(0.8%+2)
Capacitance (F)	4000μF		±(4%+5)
Temperature (°C)	-40°C~300°C	±(1%+5)	
Temperature (°F)	-40°F~572°F	±(2%+6)	
Display count	4000	√	√
Overvoltage category	CAT III 600V	√	√

Audible & Visible alarm

CAT III 600V





Temperature measurement



Continuity, resistance



EBTN LCD screen, high contrast

UT125C

Pocket Size Digital Multimeter

UT125C is a compact, user-friendly, and dependable multimeter featuring a 4000-count display. Certified with CE/cETLus and rated for CAT III 600V, it's an indispensable tool for electronics enthusiasts engaged in DIY projects, especially when handling low currents below 0.4A.

Product Highlights:

- Pocket size design
- Low current measurement
- Continuity & Diode test
- Data hold & Backlight
- Low battery indication



UT125C

Specifications	Range	Accuracy
DC voltage (V)	600V	±(0.5%+5)
AC voltage (V)	600V	±(1.2%+5)
DC current (A)	400mA	±(1.8%+5)
AC current (A)	400mA	±(2%+8)
Resistance (Ω)	40MΩ	±(1%+5)
Capacitance (F)	100μF	±(4%+10)
Frequency (Hz)	10Hz~60kHz	±(0.1%+5)
Duty cycle	20%~80%	Reference
Operating temperature	0°C~50°C	
Overvoltage category	CAT III 600V	

Characteristics	
Standard accessories	Batteries, English manual
Power	1.5V battery (R03) x 2
Display	38 x 23mm
Product size	112 x 58 x 35mm
Product net weight	180g
Standard individual packing	Gift box
Standard quantity per carton	60pcs
Standard carton measurement	500 x 290 x 280mm
Standard carton gross weight	13.5kg

NCV NCV

CAT III 600V







UT133 SERIES
Digital Multimeters

The UT133 series is a compact multimeter equipped with a smart ADC chip, ensuring reliable performance. It features overload alarms and robust electrical protection, making it a professional-grade tool specifically designed for the electrical industry.

Product Highlights:

- Overload (voltage/current) alert
- Battery test with status
- Test probe holder
- Continuity & Diode test
- APO & LCD backlight



● Battery status chart

	1.5V	9V
Good	>1.3V	>7.7V
Low	0.95~1.3V	5.7~7.7V
Bad	<0.95V	<5.7V



UT133B
(UT133A/UT133B share the same mold)

2m drop | CAT III 600V

Specifications	Range	UT133A	UT133B
DC voltage (V)	600mV/6000mV/60V/600V	±(0.7%+3)	±(0.7%+3)
AC voltage (V)	600V	±(0.7%+3)	±(1.2%+3)
DC current (A)	600μA/60mA/600mA/10A	±(1%+3)	±(1%+2)
AC current (A)	10A	±(1.2%+3)	
Resistance (Ω)	600Ω/6000Ω/60kΩ/600kΩ/60MΩ	±(0.8%+2)	±(0.8%+2)
Capacitance (F)	9.999mF	±(4%+5)	±(4%+5)
Frequency (Hz)	10.00Hz~1.000MHz	±(0.1%+5)	
Temperature (°C)	–40°C~1000°C	±(1%+4)	
Temperature (°F)	–40°F~1832°F	±(1.5%+5)	
Display count		6000	6000
Range selection		Auto	Manual
Battery test	Tests 1.5V and 9V batteries and displays 'good', 'low', 'bad' status		√
Overvoltage category	CAT III 600V		

Characteristics	
Standard accessories	Test leads, K-type thermocouple (UT133A), English manual
Power	1.5V battery (R03) x 2
Display	50 x 23mm
Product size	155 x 76.5 x 49mm
Product net weight	255g (with batteries)
Standard individual packing	Gift box
Standard quantity per carton	30pcs
Standard carton measurement	350 x 335 x 318mm
Standard carton gross weight	11.8kg

UT136+ SERIES
Digital Multimeters

The UT136+ series multimeter offers a durable design, surviving drops up to 2 meters, and features a clear LCD screen with a 4times/s sampling rate for accurate readings. It is certified safe for CAT II 1000V/CAT III 600V environments.

Product Highlights:

- Equipped with 3mm protective sleeve
- Wide measurement ragne (V+A)
- Continuity & Diode test
- APO & LCD Backlight
- Fast capacitance test



UT136C+
(UT136B+/UT136C+ share the same mold)

2m drop | Fast test | CAT II 1000V | CAT III 600V



Specifications	Range	UT136B+	UT136C+
DC voltage (V)	1000V	±(0.7%+3)	±(0.7%+3)
AC voltage (V)	1000V	±(1%+3)	±(1%+3)
DC current (A)	10A	±(1%+3)	±(1%+3)
AC current (A)	10A	±(1.2%+5)	±(1.2%+5)
Resistance (Ω)	40MΩ	±(0.8%+2)	±(0.8%+2)
Capacitance (F)	40mF	±(3%+5)	±(3%+5)
Frequency (Hz)	400Hz~40MHz	±(0.1%+4)	±(0.1%+4)
Temperature (°C)	-40~1000°C		±(1%+3)
Temperature (°F)	-40~1832°F		±(1.5%+5)
Display count		4000	4000
Fast capacitance test		√	√
NCV		√	
Overvoltage category	CAT II 1000V, CAT III 600V		

Characteristics	
Standard accessories	Batteries, test leads, temperature probe (UT136C+), English manual
Power	1.5V battery (R6) x 2
Display	56.5 x 36mm
Product size	175 x 83 x 53mm
Product net weight	330g
Standard individual packing	Gift Box
Standard quantity per carton	30pcs
Standard carton measurement	390 x 355 x 355mm
Standard carton gross weight	14.8kg

UT139 SERIES

True RMS Digital Multimeters

The UT139 series digital multimeters, designed for electrical engineers, offer AC/DC 600V test range, true RMS, and both auto and manual ranging. All models, except the UT139S, include VFC measurement, making them a versatile choice for a wide range of applications in electronics and electrical work.

Product Highlights:

- Auto/Manual range
- NCV & Continuity test
- VFC test (UT139A/UT139B/UT139C)
- LPF/Loz test (UT139S only)
- All range input protection

All the models in this page share the same mold.

Specifications	Range	UT139A	UT139B	UT139C	UT139S
DC voltage (V)	600V	±(0.7%+3)	±(0.7%+3)	±(0.7%+3)	±(0.7%+3)
AC voltage (V)	600V	±(1%+3)	±(0.8%+3)	±(0.8%+3)	±(0.8%+3)
DC current (A)	10A	± (1%+3)	±(1%+3)	±(1%+3)	±(1%+3)
AC current (A)	10A	±(1.2%+3)	±(1.2%+3)	±(1.2%+3)	±(1.2%+3)
Frequency response		45Hz~400Hz	45Hz~1kHz	45Hz~1kHz	45Hz~400Hz
Resistance (Ω)	20MΩ	±(1%+2)			
	40MΩ		±(0.8%+2)		
	60MΩ			±(0.8%+2)	±(0.8%+2)
Capacitance (F)	99.99mF		±(4%+5)	±(4%+5)	±(4%+5)
Frequency (Hz)	10Hz~10MHz		±(0.1%+4)	±(0.1%+4)	±(0.1%+4)
Temperature (°C)	-40 °C~1000°C			±(1%+3)	±(1%+4)
Bandwidth (Hz)		45Hz~400Hz	45Hz~1kHz	45Hz~1kHz	45Hz~400Hz
Diode		Around 2V	Around 3V	Around 3V	Around 3V
Overvoltage category	CAT III 600V				
Main features					
True RMS		√			
Display count		2000	4000	6000	6000
Display type		LCD	LCD	LCD	EBTN
Duty cycle	0.1%~99.9%		√	√	√
Auto range/Manual range		√	√	√	√
NCV/Continuity buzzer		√	√	√	√

Characteristics	
Standard accessories	Batteries, test leads, temperature probe (UT139C/S), English manual
Power	1.5V battery (R6) x 2
Display	58 x 36mm
Product size	170 x 80 x 48mm
Product net weight	UT139A/B/C: 354g; UT139S: 345g
Standard individual packing	Gift box
Standard quantity per carton	20pcs
Standard carton measurement	UT139A/B/C: 450 x 330 x 340mm; UT139S: 425 x 275 x 340mm
Standard carton gross weight	UT139A/B: 11.8kg; UT139C: 12.3kg; UT139S: 12.4kg



UT139S

CAT III 600V True RMS





UT171 SERIES

Industrial True RMS Digital Multimeters

The UT171 series offers industrial-grade multimeters for professionals. These instruments feature a square wave output and LoZ (ACV) for residual voltage detection. The standout features include auto/manual range, a 31-segment analog bar graph, true RMS test. Safety features like a mis-plug alarm, and input protection enhance convenience. It is a reliable tool for various electrical testing needs.

Product Highlights:

- Auto/Manual range
- Analog bar graph: 31 segments
- Mis-plug alarm & Input protection
- MAX/MIN & Relative mode
- LCD Backlight & APO

Specifications	Range	UT171B	UT171C
DC voltage (V)	1000V	±(0.025%+5)	±(0.025%+5)
AC voltage (V)	1000V	±(0.4%+40)	±(0.4%+40)
DC current (A)	10A	±(0.15%+10)	±(0.15%+10)
AC current (A)	10A	±(0.75%+20)	±(0.75%+20)
Resistance (Ω)	60MΩ	±(0.05%+2)	±(0.05%+2)
Conductance (nS)	60nS	±(1%+10)	±(1%+10)
Capacitance (F)	60mF	±(2.5%+5)	±(2.5%+5)
Frequence (Hz)	10Hz~10MHz	±(0.01%+5)	±(0.01%+5)
Temperature (°C)	-40°C~1000°C	±(1%+3)	±(1%+3)
Temperature (°F)	-40°F~1832°F	±(1.5%+5)	±(1.5%+5)
Display count		60000	60000
4~20mA loop	0~100%	√	√
LoZ (ACV)	Around 3kΩ	√	√
Data storage		9999	9999
Bluetooth		√	√
Display type		EBTN	OLED
Overvoltage category	CAT III 1000V, CAT IV 600V		

Characteristics	
Standard accessories	Batteries, test leads, point contact temperature probe, English manual, USB interface cable, power adaptor (UT171B/C)
Optional accessories	Bluetooth adaptor (UT-D07B)
Power	UT171A: 1.5V battery (R03) x 6; UT171B/C: 7.4V 2000mAh Li-ion battery
Display	UT171A: 70.6 x 49.5mm UT171B/C: 70.6 x 35.3mm
Product size	206 x 95 x 55mm
Product net weight	384g
Standard individual packing	Gift box, carrying bag
Standard quantity per carton	5pcs
Standard carton measurement	390 x 310 x 205mm
Standard carton gross weight	5.6kg



UT171C
(UT171B/UT171C share the same mold)

CAT III 1000V CAT IV 600V True RMS

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- Generating testing report;
- Generating real-time charts;
- Export multiple test data: PDF/XLS/JPEG/CSV;



UT-D07B (Optional)



UT181A

True RMS Datalogging Multimeter

UT181A is a datalogging true RMS multimeter with features such as trend capture, low pass filter, nS conductance, dual temperature, and more. Users can store up to 20000 sets of measurement data and display them on a trend graph for long term monitoring.

Product Highlights:

- Data logging: 20000 sets
- Dual temperature test: T1, T2, T1-T2, T2-T1
- Trend capture measurement
- Mis-plug alarm
- Rechargeable battery

Specifications	Range	Accuracy
DC voltage (V)	1000V	±(0.025%+5)
AC voltage (V)	1000V	±(0.3%+30)
DC current (A)	10A	±(0.08%+10)
AC current (A)	10A	±(0.6%+20)
Resistance (Ω)	60MΩ	±(0.05%+2)
Conductance (nS)	60nS	±(2%+10)
Capacitance (F)	60mF	±(2%+5)
Frequency (Hz)	10Hz~60MHz	±(0.01%+5)
Temperature (°C)	-40°C~1000°C	±(1%+30)
Temperature (°F)	-40°F~1832°F	±(1.5%+50)
Display count	60000	
Display count	60000	
Bluetooth	V	
Overvoltage category	CAT III 1000V, CAT IV 600V	

Characteristics	
Standard accessories	Battery, test leads, temperature adaptor socket, point contact temperature probes, power adaptor socket, power adaptor, USB interface cable, English manual
Optional accessories	Bluetooth adaptor (UT-D07B)
Power	Li-ion battery: 7.4V 2200mAh
Display	3.5-inch 64k color TFT LCD (320 x 240)
Product size	225 x 103 x 59mm
Product net weight	638.6g
Standard individual packing	Gift box, carrying bag
Standard quantity per carton	5pcs
Standard carton measurement	355 x 310 x 265mm
Standard carton gross weight	7kg





UT181A

CAT III 1000V | CAT IV 600V | True RMS | Lithium battery

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Get the UNI-T Smart Measure!

- Generating testing report;
- Generating real-time charts;
- Export multiple test data: PDF/XLS/JPEG/CSV;



UT-D07B (Optional)



UT191 SERIES

Professional Multimeters

The UT191 Series is designed for industrial users, featuring professional multimeters with CAT III 600V compliance and IP65 rating for damp and dusty environments. The 'Function Memory' retains settings for efficiency, while the UT191T offers accurate temperature measurement.

Product Highlights:

- Continuity & Diode test
- Auto/Manual range
- APO & Auto backlight & Flashlight
- High precise temperature measurement

Specifications	Range	UT191E	UT191T
DC voltage (V)	600V	±(0.2%+5)	±(0.2%+5)
AC voltage (V)	600V	±(1%+3)	±(1%+3)
LoZ AC (V)	600V	±(2%+3)	±(2%+3)
ACV LPF	600V	±(2%+5)	±(2%+5)
DC current (A)	20A	±(0.8%+3)	±(0.8%+3)
AC current (A)	20A	±(1%+3)	±(1%+3)
Resistance (Ω)	60MΩ	±(0.8%+2)	±(0.8%+2)
Capacitance (F)	60mF	±(3%+5)	±(3%+5)
Frequency (Hz)	10Hz~1MHz	±(0.1%+4)	±(0.1%+4)
Duty cycle	0.1%~99.9%	±(2%+5)	±(2%+5)
Temperature (°C)	-40°C~400°C (0.1°C resolution)		±(1%+20)
Temperature (°F)	-40°F~752°F (0.2°F resolution)		±(1%+40)
ACV peak hold		±(2%+100)	±(2%+100)
Peak current detection		±(3%+100)	±(3%+100)
Display count	6000		
Sampling rate	3 times/second		
Sampling rate	3 times/second		
Analog bar graph	31 sections		
AC voltage frequency response	45Hz~400Hz		
AC current frequency response	45Hz~400Hz		
IP rating	IP65		
Overvoltage category	CAT III 600V		

Characteristics	
Standard accessories	Test lead, battery, carrying bag, point contact temperature probe (UT191T), English manual
Power	9V battery
Display	58 x 42mm
Product size	180 x 87 x 59mm
Product net weight	428g
Standard individual packing	Gift box
Standard quantity per carton	10pcs
Standard carton measurement	535 x 315 x 335mm
Standard carton gross weight	9.2kg



UT191T
(UT191E/UT191T share the same mold)

IP65 | 2m drop | CAT III 600V | True RMS





UT195 SERIES

Professional Multimeters

The UT195 series offers industrial digital multimeters that are IP65-rated and 2m drop-proof, ideal for harsh environments like mines and oilfields. Designed for tasks such as motor diagnostics, equipment maintenance, and electrical repairs, these multimeters combine ruggedness with user-friendly operation.

Product Highlights:

- 3-phase sequence test (UT195M/UT195DS)
- MAX/MIN/Data hold mode
- LPF ACV function (UT195DS)
- APO/Flashlight/Auto backlight

All the models in this page share the same mold.

Specifications	Range	UT195E	UT195M	UT195DS
DC voltage (V)	1000V	±(0.2%+5)	±(0.2%+5)	±(0.2%+5)
AC voltage (V)	1000V	±(1%+3)	±(1%+3)	±(1%+3)
AC+DC	600V			±(1.5%+4)
LoZ ACV	600V	±(2%+3)	±(2%+3)	±(2%+3)
DC current (A)	20A	±(0.8%+3)	±(0.8%+3)	±(0.8%+3)
AC current (A)	20A	±(1%+3)	±(1%+3)	±(1%+3)
Resistance (Ω)	60MΩ	±(0.8%+2)	±(0.8%+2)	±(0.8%+2)
Capacitance	60mF	±(3%+5)	±(3%+5)	±(3%+5)
Frequency	60Hz~10MHz	±(0.1%+4)		
	60Hz~40MHz		±(0.1%+4)	±(0.1%+4)
Duty cycle	0.1%~99.9%	±(2%+5)		±(2%+5)
Temperature (°C)	-40°C~1000°C		±(1.5%+4)	
Temperature (°F)	-40°F~1832°F		±(2%+5)	
Display count		6000	6000	6000
Display interface (LCD)		Single	Single	Dual
Measurement sampling rate		3 times/s	3 times/s	5 times/s
Analog bar sampling rate		10 times/s		20 times/s
Analog bar		31		31
AC voltage frequency response		45~400Hz	45~1kHz	45~5kHz
AC current frequency response		45~400Hz	45~1kHz	45~5kHz
3-phase motor sequence test			600V	600V
Low pass filter				1kHz
Diode/Continuity test		3.5V	3V	3V
Peak hold				250μs
IP rating	IP65			
Overvoltage category	CAT III 1000V, CAT IV 600V			

Characteristics	
Standard accessories	Test probes, battery, carrying bag, point contact temperature probe (UT195M), English manual (German, French, Spanish optional)
Power	9V battery
Display	66 x 51mm
Product size	195 x 95 x 58mm
Product net weight	437g
Standard individual packing	Gift box
Standard quantity per carton	10pcs
Standard carton measurement	605 x 335 x 405mm
Standard carton gross weight	UT195E/UT195M: 11.8kg; UT195DS: 11.18kg



UT195DS

IP65 | 2m drop | CAT III 1000V | CAT IV 600V | True RMS





UT890 SERIES

True RMS Digital Multimeters

The UT890C/D+ True RMS multimeters offer quick capacitor measurement and visible NCV and continuity indications. With automatic fuse detection and high-voltage protection, they are widely used in electrical switchboards, HVAC systems, and equipment installation/maintenance.

Product Highlights:

- High precision: 6000 display count
- High voltage false detection: 1000Vrms
- Audible & visible alarm (NCV/Continuity)
- Current(AC/DC) mode memory function
- Fuse blowing alarm (mA function only)
- NCV/hFE/Max/Min

Specifications	Range	UT890C	UT890D+
DC voltage	600mV/6V/60V/600V/1000V	±(0.7%+3)	±(0.7%+3)
AC voltage	6V/60V/600V/750V	±(0.8%+3)	±(0.8%+3)
ACV Frequency	10Hz~10kHz	±(0.1%+5)	±(0.1%+5)
DC current	60μA/600μA/6mA/60mA/600mA/20A	±(0.8%+8)	±(0.8%+8)
AC current	60μA/600μA/6mA/60mA/600mA/20A	±(1%+12)	±(1%+12)
Resistance	600Ω/6kΩ/60kΩ/600kΩ/6MΩ/60MΩ	±(0.8%+3)	±(0.8%+3)
Capacitance	100mF	±(3%+10)	±(3%+10)
Frequency	9.999Hz~9.999MHz	±(0.1%+5)	±(0.1%+5)
Temperature	-40°C~1000°C/-40°F~1832°F	±(1%+3)	
Display count		6000	6000
Live			√
Overvoltage category	CAT II 1000V, CAT III 600V		

Characteristics	
Standard accessories	Batteries, test lead, k-type temperature probe (UT890C), English manual
Power	1.5V battery (R03) x 2
Display	60 x 35mm
Product size	183 x 88 x 56mm
Product net weight	346g
Standard individual packing	Gift box
Standard quantity per carton	40pcs
Standard carton measurement	645 x 450 x 340mm
Standard carton gross weight	23.3kg



Live and nature wires identification



Fuse blowning alarm (mA only)



UT890C



UT890D+

CAT II 1000V | CAT III 600V | True RMS

UT892

2000V AC/DC High Voltage Digital Multimeter

The UT892 High Voltage Multimeter provides AC/DC voltage measurement up to 2000V with full overload protection. Featuring VFC mode, NCV, and LIVE test functions, along with CAT II 1000V/CAT III 600V safety-rated terminals, it is a versatile and secure tool for electrical tasks.

Product Highlights:

- High voltage test with backlight alert
- Full range overload protection
- VFC and fast response (only capacitor)



UT892

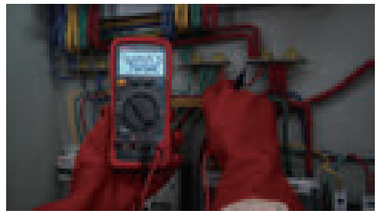
Specifications	Range	Range
DC voltage (V)	2000V	±(0.5%+3)
AC voltage (V)	2000V	±(1.0%+3)
Variable frequency voltage (VFC)	600V	±(5%)
High voltage frequency (Hz)	10Hz~10kHz	±(0.5%+2)
Resistance (Ω)	60MΩ	±(0.5%+5)
Capacitance (F)	60mF	±(3.0%+10)

Features		
Display counts		6000
Auto/manual range		√
NCV		√
LIVE test		√
Diode		√
Continuity		√
Low battery indication	≤2.5V approximately	√
Data hold		√
Max/Min		√
Relative mode		√
Auto power off	Approximately 15 minutes	√
Backlight		√
Overvoltage category	CAT II 1000V/CAT III 600V	√

Characteristics	
Standard accessories	English manual, test leads, batteries
Power	AA 1.5V x 2
Product size	187 x 88 x 56mm
Product net weight	350g (Including batteries)
Standard individual packing	Gift box
Standard quantity per carton	40pcs
Standard carton measurement	645 x 450 x 350mm

CAT II 1000V | CAT III 600V

True RMS | 1m drop





Digital Clamp Meters

Clamp meters are handheld devices with multimeter functions and able to measure AC/DC current directly without breaking the electrical conductor. Today's clamp meters are multi-functional designed and used in HVAC/R, electrical vehicles, electrical installation, motor inspection, engineering, and many other applications. UNI-T clamp meters are well known for its performance, practicality, and reliability.

UT206C

1000A AC Clamp Meter

UT206C 1000A AC clamp meter features a lightweight and slim design, especially the ultra thin & narrow jaw, it is suitable for more measurement scenarios. It is a reliable and portable tool for electronics and electrical maintenance.



Product Highlights:

- Ultra narrow/thin Jaw
- Light weight design
- Auto identification for Resistance/Continuity/Diode
- Backlight
- Data hold

Specifications	UT206C	
Current (AC)	60.00A 600.0A 1000A; 0.01A	±(1.5%+5)
Frequency response (ACA)	45~400Hz	
Voltage (AC)	600.0V	±(1.2%+2)
Frequency response (ACV)	45~400Hz	
Voltage (DC)	600.0V	±(0.7%+3)
Resistance	600.0kΩ	±(0.8%+2)
Capacitor	9.999mF	±(2%+5)
Frequency (ACV)	10Hz~100kHz	±(0.1%+3)
Frequency (ACA)	45-400 Hz	±(0.1%+3)
Diode	√	10%

Features	
Clamp opening size	33mm
Display count	6000
True RMS	√
Clamp thick	10mm
Continuity	√
Auto identification	Resistance/Continuity/Diode
Data hold	√
Backlight	√
Category rating	CAT III 300V, CAT II 600V

Characteristics	
Power supply	AAA x 2
Product dimension	190 x 68 x 20mm

CAT II 600V CAT III 300V

True RMS

UT200A+/UT200B+ SERIES

Digital Clamp Meters

The UT200A+ & UT200B+ AC current clamp meters are perfect for residential maintenance by electricians. With 3A AC current measurement, True RMS, LIVE test, and alarms, they are essential for home users and DIY enthusiasts.

Product Highlights:

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

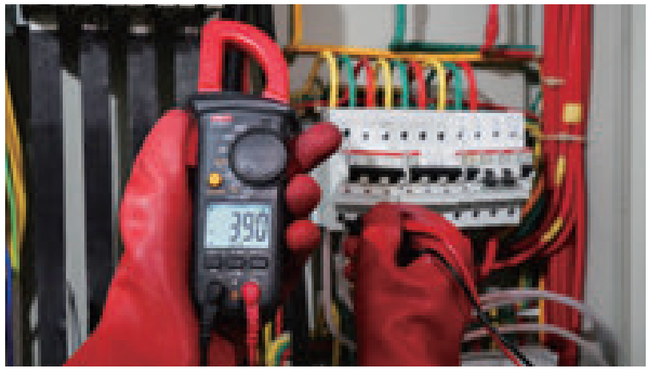
Specifications	Range	UT200A+	UT200B+
Manual language	EN, RU, ES		
Current (ACA)	3A	±(4%+10)	±(4%+10)
	30A	±(3%+5)	±(4%+5)
	400A	±(3%+5)	
	600A		±(4%+5)
Voltage (ACV)	3V~600V	±(1.2%+5)	±(1.2%+5)
Frequency (Hz)	10H~10kHz	±(1.0%+5)	±(1.0%+5)
Voltage (DCV)	3V~300V	±(1.0%+5)	±(1.0%+5)
	300V~600V	±(1.0%+3)	±(1.0%+3)
Resistance	300Ω~300kΩ	±(1.0%+5)	±(1.0%+5)
	300kΩ~3MΩ	±(2.0%+5)	±(2.0%+5)
Capacitance	30nF~300nF		±(4%+10)
	3μF~300μF		±(4%+5)
	1mF		±(5%+10)
Jaw size		28mm	28mm
Display count		3099	3099
Diode/Continuity		√	√
Auto range		√	√
High voltage warning		√	√
Hold/Backlight		√	√
Flashlight		√	√
Overvoltage category		CAT III 600V	CAT III 600V



UT200A+



UT200B+



CAT III 600V True RMS



UT200+/UT200R SERIES

400A/600A Digital Clamp Meters

(UT200R/F series only)

UT200+ Auto-Ranging True RMS Clamp Meters – CAT II 600V/CAT III 300V rated with full burnout protection for safe, reliable measurements. Combines essential electrical testing with a sleek design, ideal for professionals.

Product Highlights:

- Auto range measurement
- NCV test
- Diode & Continuity test
- Low battery indication
- MAX/MIN & Data hold
- Auto power off

Specifications	Range	UT201+/201R	UT202+/202R	UT202A+/202F	UT203+/203R	UT204+/204R
AC current (A)	400A 600A	±(2%+10)	±(2%+10)	±(2%+10)	±(2%+5)	±(2%+5)
AC current frequency		50Hz~100Hz	50Hz~100Hz	50Hz~100Hz	45Hz~400Hz	45Hz~400Hz
DC current (A)	400A 600A				±(2%+5)	±(2%+5)
AC voltage (V)	600V	±(0.8%+5)	±(0.8%+5)	±(0.8%+5)	±(0.8%+5)	±(0.8%+5)
AC voltage frequency		45Hz~400Hz	45Hz~400Hz	45Hz~400Hz	45Hz~400Hz	45Hz~400Hz
High voltage frequency	5~600V (on voltage position)	10Hz~10kHz	10Hz~10kHz	10Hz~10kHz	10Hz~60kHz	10Hz~60kHz
DC voltage (V)	600V	±(0.7%+3)	±(0.7%+3)	±(0.7%+3)	±(0.5%+2)	±(0.5%+2)
Resistance (Ω)	40MΩ 60MΩ	±(2.0%+5)	±(2.0%+5)	±(2.0%+5)	±(2.5%+5)	±(2.5%+5)
Capacitance (F)	4mF 40mF 60mF		±10%/±(4%+5)	±(10%+10)/±10%	±10%	±10%
Temperature (°C)	-40°C~1000°C		±(2%+5)			±(2%+5)
Frequency (Hz)	<30V (on Hz position)			10Hz~10MHz	10Hz~10MHz	10Hz~10MHz
Display count		4000	4000	6000	4000	6000
Jaw opening		28mm	28mm	28mm	28mm	28mm
Duty cycle				√	√(UT203+)	√
Drop proof		1m	1m	1m	1m	1m
Relative mode			√	√	√	√
Zero mode					√	√
Overvoltage category	CAT II 600V, CAT III 300V					

Characteristics	
Standard accessories	Batteries, test leads, Themocouple (UT202+/204+/202R/204R), English manual
Power	1.5V battery (R03) x 2
Display	37 x 25mm
Product size	215 x 63 x 36mm
Product net weight	Around 240g
Standard individual packing	Gift box, carrying bag
Standard quantity per carton	40pcs
Standard carton measurement	485 x 295 x 385mm
Standard carton gross weight	UT201+/201R: 16.6kg; UT202+/202R: 17.1kg; UT203+/203R: 16.1kg; UT202A+/UT204+/202F/204R: 16.7kg



UT201+/202+/202A+/UT201R/202R/202F
(AC current only)
(All the models in this page share the same mold)



UT203+/204+/UT203R/204R
(AC/DC current)
(All the models in this page share the same mold)

CAT II 600V | CAT III 300V | True RMS



UT200 SERIES

1000A True RMS Digital Clamp Meters

The UT200 series comprises 6000-count digital clamp meters with auto-ranging, large LCD displays, true RMS accuracy, auto scale memory, and NCV capabilities. These meters adhere to CAT III 1000V/CAT IV 600V and are CE/ETL certified. They are ideal tools for electronic and electrical engineers.

Product Highlights:

- High precision with 6000 count
- Audible & Visible alarm for NCV
- Continuity & Diode test
- MAX/MIN/Relative mode
- LPF ACV (UT206B/UT207B/UT208B)
- LoZ ACV (UT206B/UT207B/UT208B)

All the models in this page share the same mold.

Specifications	Range	UT205E	UT206B	UT207B	UT208B
AC current (A)	1000A	±(2%+5)	±(2%+5)	±(2%+5)	±(2%+5)
DC current (A)	1000A			±(2%+5)	±(2%+5)
AC current frequency response		50Hz~60Hz	50Hz~60Hz	40Hz~400Hz	40Hz~400Hz
Inrush current (A)	1000A		±(10%+10)	±(10%+10)	±(10%+10)
AC voltage (V)	1000V	±(1.2%+3)	±(1.2%+3)	±(1.2%+3)	±(1.2%+3)
DC voltage (V)	1000V	±(0.5%+5)	±(0.5%+5)	±(0.5%+5)	±(0.5%+5)
Low pas filter (LPF ACV)	1000V		±(2%+5)	±(2%+5)	±(2%+5)
AC voltage frequency response		40Hz~400Hz	40Hz~400Hz	40Hz~400Hz	40Hz~400Hz
LoZ ACV	1000V		±(2%+5)	±(2%+5)	±(2%+5)
Resistance (Ω)	60MΩ	±(1%+2)	±(1%+2)	±(1%+2)	±(1%+2)
Capacitance (F)	60mF	±(4%+5)	±(4%+5)	±(4%+5)	±(4%+5)
Temperature	-40°C~1000°C -40°F~1832°F		±(1%+2) ±(1%+4)		±(1%+2) ±(1%+4)
Low voltage frequency (Hz)	10Hz~1MHz	±(0.1%+3)	±(0.1%+3)	±(0.1%+3)	±(0.1%+3)
Duty cycle (%)	10%~90%	±(2.6%+7)	±(2.6%+7)	±(2.6%+7)	±(2.6%+7)
Analog bar			31	31	31
Flexible current probe (optional)	Up to 3000A		√		√
Zero mode				√	√
Display count		6000	6000	6000	6000
Jaw opening		42mm	42mm	42mm	42mm
Overvoltage category	CAT III 1000V, CAT IV 600V				

Characteristics	
Standard accessories	Test leads, batteries, point contact temperature probe (UT206B/UT208B), English manual
Power	1.5V battery (R03) x 3
Display	43 x 45mm
Product size	272 x 81 x 43.5mm
Product net weight	UT205E/UT206B: 465g; UT207B/UT208B: 420g
Standard individual packing	Gift box, carrying bag
Standard quantity per carton	UT205E/UT206B/UT207B: 10pcs; UT208B: 5pcs
Standard carton measurement	UT205E/UT206B/UT207B: 355 x 330 x 315mm; UT208B: 355 x 330 x 165mm
Standard carton gross weight	UT205E/UT206B/UT207B: About 7.1kg; UT208B: About 4.5kg



UT208B

CAT III 1000V | CAT IV 600V | True RMS





UT-CS09D (Optional)

UT205A+/UT206A+/UT205B

1000A Digital Clamp Meters

The UT205A+/UT206A+/UT205B 1000A digital clamp meter features a sleek, lightweight design with a screen backlight for easy use in dim environments. It offers dependable performance, making it ideal for electronic and electrical maintenance tasks.

Product Highlights:

- Large Jaw size: 45mm
- Large current test: 1000ACA
- Lightweight design
- Backlight for dim environments

Specifications		UT205A+	UT205B	UT206A+
AC current (A)	1000A	±(1.5%+5)	±(1.5%+5)	±(1.5%+5)
Inrush current (A)	600A			±(5%+10)
AC voltage (V)	1000V	±(1.0%+2)	±(1.0%+2)	±(1.0%+2)
ACV frequency (Hz)	10Hz~10kHz	±(1.0%+5)	±(1.0%+5)	±(1.0%+5)
DC voltage (V)	1000V	±(0.7%+3)	±(0.8%+2)	±(0.7%+3)
Resistance (Ω)	40MΩ	±(0.8%+2)	±(2.5%+5)	
	60MΩ			±(0.8%+2)
Capacitance (F)	40mF	±(4%+5)	±(10%)	
	60mF			±(4%+5)
Frequency (Hz)	10Hz~10MHz	±(0.1%+4)	±(0.1%+4)	±(0.1%+4)
Temperature (°C/°F)	-40°C~1000°C/-40°F~1832°F			±4°C/±5°F
Display count		4099	4099	6099
Jaw opening		45mm	55mm	45mm
Overvoltage category	CAT II 1000V/CAT III 600V			

Characteristics	
Standard accessories	Test leads, batteries, point contact temperature probe(UT206A+ only), English manual
Power	1.5V x 2
Product size	240 x 76 x 40mm
Product net weight	240g
Standard individual packing	Gift box, carrying bag
Standard quantity per carton	20pcs
Standard carton measurement	420 x 290 x 280mm



UT206A+
(UT205A+/UT206A+ share the same mold)



UT205B

CAT II 1000V CAT III 600V







UT202T/UT202BT

Smart AC Clamp Meters

The UT202BT is a Bluetooth-enabled smart clamp meter, featuring a low pass filter mode, inrush current detection, peak hold, and other standard clamp meter functions. On the other hand, the UT202T is a user-friendly smart clamp meter with button design.

Product Highlights:

- NCV function (for voltage)
- Backlight & Flashlight
- Dual display (V+Hz; A+Hz)

Specifications	Range	UT202T	UT202BT
DC voltage (V)	600V	±(0.5%+3)	±(0.5%+3)
AC voltage (V)	600V	±(0.8%+3)	±(0.8%+3)
AC current (A)	600A	±(2.5%+5)	±(2.5%+5)
Resistance (Ω)	6MΩ	±(0.8%+3)	
	100MΩ		±(0.8%+3)
Frequency (Hz)	40Hz~1000Hz	±(1.0%+5)	±(1.0%+5)
Capacitance (F)	100mF	±(4%+5)	±(4%+5)
Temperature (°C)	-40°C~1000°C		±5
Temperature (°F)	-40°F~1832°F		±9
Jaw opening		28mm	28mm
Display count		9999	9999
Bluetooth			√
Overvoltage category		CAT III 600V	CAT III 600V

Characteristics	
Standard accessories	UT202T: Test leads, batteries; UT202BT: Test leads, batteries, temperature probe
Power	1.5V battery (R03) x 2
Product size	205 x 65 x 32mm
Product net weight	238g
Standard individual packing	Gift box, carrying bag, English manual
Standard quantity per carton	40pcs
Standard carton measurement	485 x 295 x 385mm



UT202T



UT202BT

Bluetooth (UT202BT only)

CAT III 600V True RMS





UT210/UT211 SERIES

Mini Clamp Meters/60A Mini Clamp Meter

The UT210 series mini clamp meters are crafted for efficiency in confined spaces, serving as crucial instruments for maintaining mechanical and electrical equipment, installing home appliances, and conducting residential electrical upkeep.

Product Highlights:

- True RMS test (UT210B/C/D/E/UT211B)
- VFC function (UT210E/UT211B)
- Ergonomic and lightweight design
- 2~3 times/s sampling rate
- Input protection and APO
- Auto range & Data hold



UT211B

All the models in this page share the same mold.

Specifications	Range	UT210A	UT210B	UT210C	UT210D	UT210E	UT211B
AC current (A)	60A (0.01A resolution)						±(2.5%+5)
	100A					±(2.5%+5)	
	200A	±(2.5%+20)	±(2.5%+20)	±(2%+10)	±(2.5%+8)		
DC current (A)	60A						±(2%+3)
	100A					±(2%+3)	
	200A				±(2%+3)		
AC voltage (V)	600V			±(1%+3)	±(1%+3)	±(1%+3)	±(0.8%+3)
DC voltage (V)	600V			±(0.7%+3)	±(0.7%+3)	±(0.7%+3)	±(0.7%+3)
Resistance (Ω)	20MΩ			±(1%+2)	±(1%+2)	±(1%+2)	
	60MΩ						±(0.8%+2)
Frequency (Hz)	60kHz				±(0.1%+4)		
Capacitance (F)	20mF			±(4%+5)	±(4%+5)	±(4%+5)	
	62mF						±(4%+5)
Temperature	-40°C~1000°C			±(1%+3)	±(1%+3)		
	-40°F~1832°F			±(1.5%+5)	±(1.5%+5)		
Display count		2000	2000	2000	2000	2000	6000
Continuity buzzer				√	√	√	√
Jaw opening		16mm	16mm	17mm	17mm	17mm	17mm
Diode test	Around 3.0V			√	√	√	√
Overvoltage category	CAT II 600V, CAT III 300V						

CAT II 600V | CAT III 300V | True RMS





Characteristics	
Standard accessories	Batteries, test leads (UT210C/D/E/UT211B), point contact temperature probe (UT210C/D), English manual
Power	1.5V battery (R03) x 2
Display	39.3 x 26.5mm
Product size	UT210A/B: 158 x 60 x 33.5mm; UT210C/D/E/UT211B: 175 x 60 x 33.5mm
Product net weight	UT210A/B: 150g (batteries included); UT210C/D/E/UT211B: 170g
Standard individual packing	Gift box, carrying bag (UT210C/D/E/UT211B)
Standard quantity per carton	UT210 series: 40pcs; UT211B: 10pcs
Standard carton measurement	UT210A/B: 345 x 245 x 300mm; UT210C: 385 x 345 x 305mm; UT210D/E: 385 x 320 x 310mm; UT211B: 330 x 205 x 170mm
Standard carton gross weight	UT210A: 8kg; UT210B: 7.2kg; UT210C: 14.8kg; UT210D: 12.9kg; UT210E: 12.3kg; UT211B: 4kg

UT213 SERIES

400A Digital Clamp Meters

UT213 series are 400A digital clamp meters with CAT III 600V safety standards. These meters are designed for electricians and HVAC/R technicians. The built-in flashlight also makes these meters useful tools when working in dark environments.

Product Highlights:

- Auto range & input protection
- Data hold & Relative mode
- Continuity & Diode test
- LCD Backlight & Flashlight

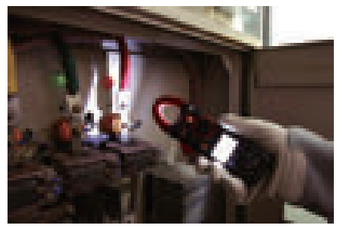


UT213C

All the models in this page share the same mold.

Specifications	Range	UT213A	UT213B	UT213C
AC current (A)	400A	±(1.8%+9)	±(1.8%+9)	±(2.5%+5)
DC current (A)	400A			±(2%+3)
AC voltage (V)	600V	±(1.2%+5)	±(1.2%+5)	±(1.2%+5)
DC voltage (V)	600V	±(0.8%+1)	±(0.8%+1)	±(0.8%+3)
Resistance (Ω)	40MΩ	±(1%+2)	±(1%+2)	±(1%+2)
Capacitance (F)	100μF	±(1%+2)		
	40mF		±(4%+5)	±(4%+5)
Frequency	10Hz~1MHz	±(0.1%+4)	±(0.1%+4)	±(0.1%+4)
Temperature	-40°C~1000°C		±(1%+3)	±(1%+3)
	-40°F~1832°F		±(1%+6)	±(1%+6)
Display count		4000	4000	4000
Jaw opening		30mm	30mm	30mm
True RMS			√	√
Diode		Around 1.5V	Around 3.0V	Around 3.0V
MAX/MIN			√	√
Overvoltage category	CAT III 600V			

CAT III 600V | True RMS



Characteristics	
Standard accessories	Batteries, test leads, point contact temperature probe (UT213B/UT213C), English manual
Power	1.5V battery (R03) x 3
Display	38 x 24mm
Product size	220 x 75 x 40mm
Product net weight	UT213A/B: 280g; UT213C: 231.7g
Standard individual packing	Gift box, carrying bag
Standard quantity per carton	20pcs
Standard carton measurement	485 x 345 x 205mm
Standard carton gross weight	UT213A: 9.1kg; UT213B: 9.8kg; UT213C: 9.7kg

UT216 SERIES

600A True RMS Digital Clamp Meters

The UT216 series digital clamp meters are designed for measuring high-frequency currents up to 400Hz in environments like server rooms and IT systems. With a double injection design for comfort and durability, these meters provide precise readings on a 6000 count display.

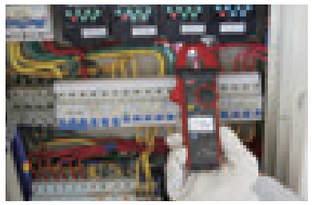
Product Highlights:

- Auto range & input protection
- MAX/MIN & Relative mode
- Continuity buzzer
- NCV detection
- Low battery indication



UT216D

CAT II 1000V CAT III 600V True RMS





All the models in this page share the same mold.

Specifications	Range	UT216A	UT216B	UT216C	UT216D
AC current (A)	600A	±(2.5%+5)	±(2.5%+5)	±(2.5%+5)	±(2.5%+5)
AC current frequency response		50/60Hz	40~400Hz	40~400Hz	40~400Hz
DC current (A)	600A			±(2.5%+5)	±(2.5%+5)
AC voltage (V)	750V	±(1.2%+5)	±(1.2%+5)	±(1.2%+5)	±(1.2%+5)
AC voltage frequency response		40~400Hz	40~400Hz	40~400Hz	45~400Hz
DC voltage (V)	1000V	±(0.8%+3)	±(0.8%+3)	±(0.8%+3)	±(0.8%+3)
Resistance (Ω)	60MΩ	±(1%+2)	±(1%+2)	±(1%+2)	±(1%+2)
Capacitance (F)	60mF	±(4%+5)	±(4%+5)	±(4%+5)	±(4%+20)
Frequency (Hz)	10Hz~1MHz		±(0.1%+4)	±(0.1%+4)	±(0.1%+4)
Temperature (°C)	-40°C~1000°C			±(3%+5)	±(3%+5)
Temperature (°F)	-40°F~1832°F			±(2%+10)	±(2%+10)
Display count		6000	6000	6000	6000
Jaw opening		30mm	30mm	30mm	30mm
VFC			√	√	√
LCD backlight		√	√	√	
Inrush current				√	√
Display		LCD	LCD	LCD	OLED
Analog bar graph				61	21
Overvoltage category	CAT II 1000V, CAT III 600V				

Characteristics	
Standard accessories	Batteries, test leads, point contact temperature probe (UT216C/UT216D), English manual
Power	1.5V battery (R03) x 3
Display	38 x 24mm
Product size	220 x 75 x 40mm
Product net weight	UT216A: 280g; UT216B/C/D: 231.7g
Standard individual packing	Gift box, carrying bag
Standard quantity per carton	10pcs
Standard carton measurement	350 x 290 x 200mm
Standard carton gross weight	5kg

UT219 SERIES

Professional Clamp Meters

UT219 series is 600A true RMS professional clamp meter with CAT IV 600V rating. It is industrially designed with IP54 rating and able to withstand 2 meters drop test for measurement in harsh environments. This series is suitable for professional electricians, HVAC/R and motor technicians.

Product Highlights:

- Auto/Manual range
- 3-phase sequence test (UT219M/DS)
- Inrush current/AC+DC voltage
- Fast sampling rate: 3 or 5 times/s



UT219DS

IP54 2m drop CAT III 1000V CAT IV 600V True RMS





All the models in this page share the same mold.

Specifications	Range	UT219E	UT219M	UT219DS
AC current (A)	600A	±(1.8%+6)	±(1.8%+6)	±(1.8%+6)
DC current (A)	600A			±(1.8%+6)
	2000μA		±(0.9%+6)	±(0.9%+6)
AC voltage (V)	1000V	±(1%+6)	±(1%+6)	±(1%+6)
DC voltage (V)	1000V	±(0.6%+3)	±(0.6%+3)	±(0.6%+3)
LoZ ACV	600V	±(2.5%+6)	±(2.5%+6)	±(2.5%+6)
Resistance (Ω)	60MΩ	±(1%+3)	±(1%+3)	±(1%+3)
Capacitance (F)	60mF	±(4%+7)	±(4%+7)	±(4%+7)
Frequency (Hz)	10Hz~10MHz	±(0.1%+6)		
	600Hz~40MHz		±(0.1%+5)	±(0.1%+6)
Duty cycle	0.1%~99.9%	±(2.6%+7)		±(2.6%+7)
Temperature	-40°C~1000°C		±(2%+5)	±(2%+5)
	-40°F~1832°F		±(2%+9)	±(2%+9)
Display count		6000	6000	6000
Jaw opening		33mm	33mm	33mm
AC current frequency response		40Hz~400Hz	40Hz~400Hz	40Hz~400Hz
AC voltage frequency response		40Hz~400Hz	40Hz~400Hz	40Hz~1kHz
3-phase motor sequence test			600V	600V
Low pass filter				1kHz, 3dB attenuation
V+A dual display				√
Diode test		12V	3V	3V
Measurement sampling rate		3 times/s	3 times/s	5 times/s
Analog bar sampling rate		10 times/s		20 times/s
Analog bar		31 segment		31 segment
Display interface (LCD)		Single	Single	Dual
Overvoltage category	CAT III 1000V, CAT IV 600V			

Characteristics	
Standard accessories	Test leads, batteries, carrying bag, point contact temperature probe (UT219M/UT219DS), English manual (German, French, Spanish optional)
Power	1.5V battery (R03) x 3
Display	35 x 31mm
Product size	234.6 x 82 x 47mm
Product net weight	310g
Standard individual packing	Gift box, blister
Standard quantity per carton	10pcs
Standard carton measurement	490 x 295 x 330mm
Standard carton gross weight	UT219E: 8kg; UT219M/UT219DS: 8.2kg

UT220 SERIES
2000A Digital Clamp Meters

UT220 series are 2000A AC/DC digital clamp meters. This series ensures stable performance, safety, and reliability for measuring up to 2000A AC (and DC for UT221) current. It is designed with over-load protection for all ranges, perfect for all professionals measuring currents up to 2000A (2500A for UT222).

Product Highlights:

- True RMS test (UT221 & UT222)
- High current measurement
- Inrush current (UT221 & UT222)
- LPF function (UT221 & UT222)

Characteristics	Range	UT220	UT221	UT222
AC current (A)	2000A 2500A	±(2.5%+5)	±(2.5%+5)	 ±(1.5%+5)
DC current (A)	2000A 2500A		±(2.5%+5)	 ±(1.5%+5)
AC voltage (V)	750V 1000V	±(1.2%+5)	±(1.2%+5)	 ±(1%+3)
DC voltage (V)	1000V	±(0.8%+1)	±(0.8%+1)	±(0.5%+2)
Resistance (Ω)	20MΩ 60MΩ 66MΩ	±(1%+2)	 ±(1%+2)	 ±(1%+2)
Capacitance (F)	60mF			±(3%+5)
Frequency (Hz)	20MHz 60MHz		±(0.1%+3)	 ±(0.1%+3)
Temperature	-40°C~1000°C -40°F~1832°F			±(1%+10) ±(1%+18)
Display count		2000	6000	6000
Jaw opening		63mm	63mm	63mm
True RMS			√	√
Duty cycle	10%~90%		√	√
AC+DC				√
Low pass filter			√	√
Inrush current			√	√
Relative mode			√	√
I-OUT function			√	√
Data storage				1000
Analog bar graph			66	61
Overvoltage category	CAT III 1000V, CAT IV 600V			

Characteristics	
Standard accessories	Test leads, output cable (UT221/UT222), thermocouple (UT222), English manual
Power	9V battery (6F22)
Display	43 x 30mm
Product size	298 x 107 x 47mm
Product net weight	UT220: 389g; UT221/UT222: 726g
Standard individual packing	Gift box, carrying bag (UT220), tool box (UT221/UT222)
Standard quantity per carton	UT220: 10pcs; UT221/UT222: 5pcs
Standard carton measurement	UT220: 640 x 305 x 175mm; UT221/UT222: 510 x 375 x 320mm
Standard carton gross weight	UT220: 7.52kg; UT221/UT222: 12.1kg



UT220



UT221
(UT221/UT222 share the same mold)

Large Jaw

CAT III 1000V | CAT IV 600V

UT256 SERIES
True RMS Fork Meters

The UT256 series comprises highly reliable true RMS fork meters. Their innovative design enables users to measure current by positioning the wire within the 'fork' opening to the designated mark. Free of mechanical components, these meters eliminate the risk of mechanical failures.

Product Highlights:

- Audible & Visible alarm
- NCV function & Data hold
- APO/Backlight/Low battery indication
- Low battery indication



UT256 UT256A UT256B

Characteristics	Range	UT256	UT256A	UT256B
AC current (A)	200A	60A: ±(2%+5)	±(1.8%+5)	±(2.5%+5)
DC current (A)	200A	60A: ±(2%+5)		±(2.5%+5)
AC voltage (V)	750V 1000V		 ±(1.2%+3)	±(1.2%+3)
DC voltage (V)	1000V		±(0.8%+3)	±(0.8%+3)
Resistance (Ω)	60MΩ		±(1%+2)	±(1%+2)
Capacitance (F)	60mF			±(4%+20)
Frequency (Hz)	10~10kHz		±(0.1%+5)	
Display count			6000	6000
Diode test	About 3V			√
NCV		√	√	√
Zero mode		√		√
Relative mode		√		√
Overvoltage category	CAT II 1000V, CAT III 600V			

Characteristics	
Standard accessories	English manual, test leads, batteries
Power	UT256: AAA 1.5V x 2; UT256A/UT256B: 1.5V battery (LR6) x 2
Display	UT256: 32 x 15mm; UT256A: 35 x 26mm; UT256B: 36.5 x 24mm
Product size	UT256: 171 x 42 x 28mm; UT256A: 217 x 58.8 x 38.5mm; UT256B: 210 x 53 x 35mm
Product net weight	UT256: 120g (Including batteries); UT256A/UT256B: 248g(Including batteries)
Standard individual packing	Gift box, carrying bag
Standard quantity per carton	UT256A/UT256B: 20pcs
Standard carton measurement	UT256A/UT256B: 485 x 310 x 205mm
Standard carton gross weight	UT256A/UT256B: 9.5kg

CAT II 1000V | CAT III 600V

True RMS | Fork design





2117R
1000A Clamp Meter

2117R is a True RMS clamp meter which can measure AC 1000A current. The high frequency response range is suitable for multiple measuring applications. The CATII 1000V / CATIII 600V and CE certification make it safety and reliable. It is a ideal tool for electrical tool.

Product Highlights:

- Multifunction all in one
- Auto range & NCV function
- Large current test: 1000A ACA
- APO & Low battery indication

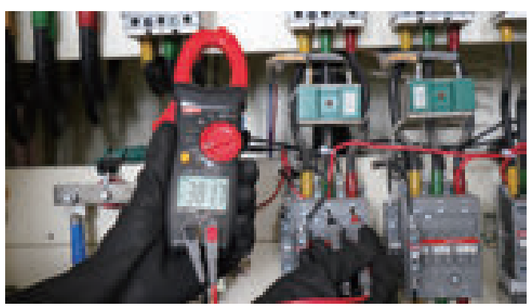


2117R

CAT II 1000V | CAT III 600V | True RMS

Specifications		
Certificates	**CE, UKCA**	
AC current (A)	1000A	±(1.5%+4)
ACA Frequency (Hz)	20Hz~10kHz	±(1.0%+5)
AC voltage (V)	1000V	±(1.0%+2)
DC voltage (V)	1000V	±(0.7%+3)
Resistance (Ω)	60MΩ	±(0.8%+2)
Capacitance (F)	6mF	±(4%+5)
Display count	6000	
Jaw opening	33mm	
Overvoltage category	CAT III 600V/CAT II 1000V	

Characteristics	
Standard accessories	Batteries, test leads
Power	1.5V battery (R03) x 2
Display	40 x 28mm
Product size	204 x 63 x 38mm
Standard individual packing	Gift box, Carrying bag, English manual





UT-CS06A
400A AC Current Clamp sensor

UT-CS06A 400A AC Current Clamp is a current entry-level sensor for AC Current measurement of multi-meter/data logger. It suits most UNIT multi-meters and features a small-sized and convenient-to-use design, which is an ideal tool to extend the current ranges for the Multi-meters.

Product Highlights:

- Compact design
- 400A ACA current test
- No need battery



CAT III 1000V | CAT IV 600V | True RMS | 1m drop

Two connecting methods



Connect through the "mV"



Connect through the "AC sensor"

Model	UT-CS06A
Manual language	**EN, FR, DE, IT, ES, SV, PL, CZ**
Dimension	158 x 65 x 33mm
Compatible meters	UT61E+, UT196, UT197, UT206B, UT208B
ACA Current	1-400A
Accuracy	±2.5%±0.5A@50-60Hz ±2.8%±0.5A@60-400Hz
Jaw opening	28mm
Output ratio	1mV/A
Wire length	1.1m
True RMS	depends on the Multi-meter
Response time	depends on the Multi-meter
Frequency	50Hz~400Hz
Waveform display	Adaptable oscilloscope
Accuracy	depends on the Multi-meter
Power supply	no need battery
Drop test	1m
Overvoltage category	CAT III 300V, CAT II 600V





UT-CS07

1000A AC/DC Clamp Sensor

The UT-CS07 AC/DC 1000A clamp sensor is compact and slim, ideal for measuring large currents on-site. With safety ratings of CAT III 1500V and CAT IV 600V, it's a reliable tool for electrical engineers.

Product Highlights:

- Multifunction all in one
- Auto range & NCV function
- Large current test: 1000A ACA
- APO & Low battery indication

Specification	Range	Output ratio	Accuracy	Input protection
DCA current	100.0A	10mV/A	±(1.5%+0.5A)	1000A
	1000A	1mV/A	±(2.0%+0.5A)	
ACA current	100.0A	10mV/A	±(1.5%+0.5A), 45Hz~200Hz	1000A
			±(2.0%+0.5A), 200Hz~400Hz	
	1000A	1mV/A	±(2.0%+0.5A), 45Hz~200Hz	
			±(2.5%+0.5A), 200Hz~400HZ	
Features				
Jaw size (measurable dia.)	35mm conductor or 65x8mm busbar			
Output ratio	10mV/A & 1mV/A			
Wire length	1.1m			
True RMS	depends on the Multi-meter			
Response time	depends on the Multi-meter			
Frequency (ACA)	50Hz~400Hz			
Waveform display	Adaptable oscilloscope			
Accuracy	depends on the Multi-meter			
Power supply	AAx2=3V; working current: <50mA			
Low battery indication	√			
Drop test	1m			
Polution degree	2			
Working environment	0°C~30°C(<75%RH), 30°C~40°C(<50%RH)			
Storage environment	-10°C~50°C(<80%RH);			
Overvoltage category	CAT III 1500V/CAT IV 600V			

Characteristics	
Dimension	276 x 86 x 50mm







CAT III 1500V CAT IV 600V



UT-CS09D

Flex Clamp Sensor

UT-CS09D flex clamp sensor solves problems in measuring high current conductors in tight spaces. Its Rogowski coil based current sensor provides stable, safe, and high reliable measurements up to 3000A. This unique design and lightweight feature make it a great choice for professional electricians.

Product Highlights:

- Wide current range: AC 3000A
- Multiple test range slectable
- Equipted BNC adapter



UT-CS09D

Specifications	Range
AC current (A)	30A/300A/3000A
Frequency response	45Hz~500Hz
Flex clamp size	45.7cm (18 inches)
Operating temperature	0°C~50°C
Storage temperature	-20°C~60°C
Storage humidity	≤80%RH
Low battery indication	About 3.3V
Category rating	CAT IV 600V

Characteristics	
Standard accessories	Batteries, BNC adapter, English manual
Power	1.5V battery (R03) x 3
Product size	267 x 119.4 x 34mm
Product net weight	260g
Standard individual packing	Blister
Standard quantity per carton	10pcs
Standard carton measurement	495 x 405 x 225mm
Standard carton gross weight	7kg



Flex clamp 1m drop CAT IV 600V



BNC adapter

Renewable Energy Tools

Renewable energy is experiencing rapid acceleration, particularly in the solar market, with a new installation capacity of approximately 168GW by the end of 2021, accounting for about 55.63% of the overall energy growth. This trend is expected to continue at an increasingly rapid pace. In order to keep up with this expanding market, UNI-T offers a range of tools specifically designed for renewable energy, ensuring swift, safe, and efficient installation and maintenance of solar systems.



UNI-T

UT-M24

AC Electric Vehicle Charging Pile Test Adapter

NEW

The UT-M24 is an AC electric vehicle charging pile test adapter. This test adapter (with type 2 connector) simulates the presence of an electric vehicle and is used in conjunction with appropriate testing instruments (such as installation testers, digital multimeters, or oscilloscopes) for testing. The adapter is used to verify whether the AC charging pile works normally after installation and during regular maintenance, or to troubleshoot the charging pile when it does not work properly.



Product Highlights:

- Charging status simulation
- Charging fault/alarm simulation
- Suitable for multiple testers

IP54 CAT II 300V

Specifications	Description	
Charging status simulation	PP Simulation	Open, 13 A, 20 A, 32 A, 63 A
	CP States	State A, B, C, D
Charging fault/alarm simulation	CP Error state “E”	On/off (CP signal short-circuited to PE)
	PE Error state "F" (Earth fault)	On/off (interruption of PE conductor)
PE Pre-Test	Visible indication >50 V, AC/DC between PE conductor and touch sensor	
CP signal terminal	It is used to monitor the CP signal	
Phase indication	Yes	
Testing Terminal	L1, L2, L3, N, PE terminal	
Charging port type	Type 2 (Europe standard) -male	
External power supply plug	yes, it is able to plug the external power plug	
Rated voltage	AC 300V MAX (Single phase); AC 510V MAX (Three phase); 50/60Hz	
Working temperature	-20°C~ +40°C; Relative humidity: 10% to 85%, normal operation, non-condensing	
Storage temperature	-20°C~ +50°C; Relative humidity: 0 to 85% storage, non-condensing	
Safety standard	IEC/EN 61010-1; IEC/EN 61010-2-030	
IP rating	IP54 (with cap closed); IP20 (cap not closed)	
Overvoltage category	CAT II 300V	

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

UT673PV SERIES

Solar MPPT Meters

The UT673PV series solar MPPT meters test solar panels for maximum power, voltage, current to find the abnormalities. With a large screen, automatic measurement, and portable design, it enhances efficiency for photovoltaic industry professionals and users.

Product Highlights:

- Large LCD with multiple readings
- Equipped with MC4 connector
- Equipped with MC4 wrench
- Portable and lightweight design

Specifications	UT673PV+		UT673PV	
Manual language	EN, FR, DE, IT, ES, SV, PL, CZ			
Pmax	5~2200W	±(1.0%+10)	5~800W	±(1.0%+10)
Imp	0~20A	±(1.5%+5)	0~35A	±(1.5%+5)
Vmp	10~150V	±(1.5%+5)	10~60V	±(1.5%+5)
Voc	10~150V	±(1.5%+5)	10~60V	±(1.5%+5)
Isc	0~20A	±(1.5%+5)	0~35A	±(1.5%+5)
Display	Large LCD (52 x 66mm)		Large LCD (52 x 66mm)	
Reverse polarity connect protection	√		√	
Over voltage protection	√		√	
Over current protection	√		√	
Over temperature protection	√		√	
Over power protection	√		√	
Manual MPPT test	√		√	
Bluetooth app	√			
Data hold	√		√	
Data storage	√			
Power supply	1.5V AAA x 3			
Category rating	CAT 0 150V		CAT 0 60V	

Characteristics		
Product color	Red + Black	Red + Black
Product size	169 x 81 x 46mm	143 x 74 x 25mm





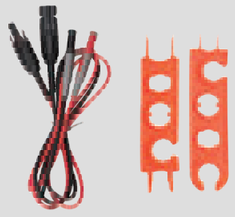
UT673PV+

CAT 0 150V



UT673PV

CAT 0 60V



*Equipped with MC4 connector & Wrench



UT541

15KW Photovoltaic I-V Curve Analyzer

The UT541 is crafted to assess solar panels, diagnose defects, and enhance efficiency during PV power plant installation, maintenance, and project acceptance. It streamlines professional tasks, effectively addressing on-site challenges for optimal results.

Product Highlights:

- I-V curve test: 15kW (with STC converting)
- Solar irradiance: 0~1300W/m²
- Working temp.: -40°C to 120°C
- Voc/Vmpp @OPC test: 1500V/20A
- Isc/Impp @OPC test: 0.10-20.00A
- CAT III 1500V

Specifications		
Manual language	EN, FR, DE, IT, ES, SV, PL, CZ	
Voc/Vmpp @OPC	1500V/20A	±(0.5%+2)
Isc/Impp @OPC	0.10-20.00A	±(1%+2)
Pmax @OPC	15kW	±(1%)
Voc/Vmpp @STC	5.0 V to 1500 V	
Isc/Impp @STC;	0.10-20.00A	
Pmax @STC	50W-15kW	±5%
	Accuracy of duplicate Measurement	±2%
Solar Irradiance:	0-1300W/m²	
Temperature:	-40°C-120°C	±1°C
Continuity (grounding)	0.2Ω-2000Ω	
Voltage test (Live)	AC/DC: 0.0V to 1500 V	±(2.5%+2)
Current test (Live); (External clamp)	AC/DC: 1.0A to 100.0A	±(5%+2)
Working power (AC/DC)	5W/VA to 100kW/kVA	±(7.5%VI+0.6V+0.2 I)
Diode	0.50V dc to 6.00V dc	
SPD	0.0V to 1000V	
Insulation resistance	0.05MΩ-999MΩ	±(5%+5) (1000V)
Fill factor	√	
DPmax	√	
Series & Parallel resistance	√	
Voltage polarity	√	
AC+DC auto identification	√	
Solar Irradiance Meter configuration	Sensitivity; Lower limit value	
Internal PV module database custom management	√ (convert the I-V curve to STC conditions for comparison), with the optional accessory temperature or light meter	
Communication interface	Bluetooth, USB	
PV strings/Moduls parameter	50 set	
Data storage	999 set (I-V curve)	
Other features	1, APO; 2, LCD contrast; 3, Adjustable backlight; 4, Unit config; 5, Date & Time config	
Dimension & Weight	250 x 122 x 125mm	
Overvoltage category	CAT III 1500V	

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



CAT III 1500V

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- Generating testing report;
- Generating real-time charts;
- Export multiple test data: PDF/XLS/JPEG/CSV;



External Clamp: UT-CS07 (Optional)

UT197PV

Professional Multimeter-Solar Pro

The UT197PV is a true RMS digital multimeter tailored for precise high DC voltage measurements in solar systems. With power measurement features and the ability to endure 12kV impulse voltage, it is fortified with IP67 and 5-meter drop protection. Ideal for PV applications and diverse sectors like mining, making it a versatile tool for specialized industries.

Product Highlights:

- High precision with 6000 display count
- Voltage test: DC 2500V+AC 1500V
- Power measurement
- Working temp.: -40°C to 55°C



Voltage & Power measurement



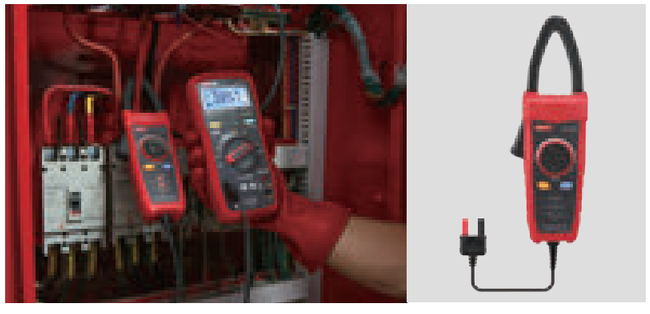


Working environment
(-40°C-55°C)



High Ruggedness
(IP67 water/Dust proof)

External Clamp: UT-CS07 (Optional)



IP67 | 5m drop | CAT III 1500V | CAT IV 1000V | True RMS

Get the UNI-T Smart Measure!

- Generating testing report;
- Generating real-time charts;
- Export multiple test data: PDF/XLS/JPEG/CSV;



Specification			
Voltage (DCV)		600.0mV	±(0.3%+5)
		6.000V/60.00V/600.0V	±(0.2%+5)
		2500V	±(1.0%+5)
Voltage (ACV)	45~1kHz	600.00mV/6.000V/60.00V/600.0V/1500V	≥45Hz, <500Hz: ±(0.8%+3)
			≥500Hz, <1KHz: ±(1.8%+3)
VFD (ACV)	45~200Hz	600.0V/1500V	±(2.0%+5)
Auto Loz	45~400Hz	600.0V	±(1.5%+5)
		1500V	±(1.8%+5)
ACV+DCV		600.00mV/6.000V/60.00V/600.0V/1500V	≥45Hz, <500Hz: ±(1.5%+5); ≥500Hz, <1KHz: ±(2.5%+5);
Resistance		600.0Ω	±(0.8%+5)
		6.000kΩ/60.00kΩ/600.0kΩ/6.000MΩ	±(0.5%+5)
		60.00MΩ	±(2.5%+5)
Capacitance		60.00nF	±3.0%
		600.0nF/6.000μF/60.00μF/600.0μF	±(3.0%+5)
		6.000mF/60.00mF	±(10.0%+5)
Continuity		600.0Ω	±(1.0%+5)
Diode		3.2V	±(1.0%+5)
Fequency		99.99Hz/999.9Hz/9.999kHz/99.99kHz/999.9kHz	±(0.02%+5)
Duty cycle		10Hz~10KHz (10%~90%)	±(2.0%+30)
Temperature		-40°C~1000°C	±(1.0%+30)
		-40°F~1832°F	±(1.0%+60)
External clamp (DCA)	UT-CS07 (optional)	100A(10mV/A) & 1000A(1mV/A)	±(0.8%+5)
External clamp (ACA)	UT-CS07 (optional)	45~400Hz: 100A(10mV/A) & 1000A(1mV/A)	±(1.0%+5)
AC Power 100A (10mV/A)	Active power	60.00kW/150.0kW	±(3.0%+5)
	Apparent power	60.00kVA/150.0kVA	±(2.0%+5)
	Reactive power	60.00kVAr/150.0kVAr	±(5.0%+5)
	Factor	-1~1	
AC Power 1000A(1mV/A)	Active power	600.0kW/1500kW	±(3.0%+5)
	Apparent power	600.0kVA/1500kVA	±(2.0%+5)
	Reactive power	600.0kVAr/1500kVAr	±(5.0%+5)
	Factor	-1~1	
DC Power 100A (10mV/A)		60.00kVA/250.0kVA	±(3.0%+5)
DC Power 1000A (1mV/A)		60.00kVA/2500kVA	±(3.0%+5)
Display count	6000		
True RMS	√		
PEAK	√ (250μs bandwidth pulse signal)		
Multifunctional protection	√		
Bluetooth	√		
Drop protection	5m		
IP rating	IP67		
Working temperature	-40~55°C		
Overvoltage category	CAT IV 1000V/CAT III 1500V		

The device also includes the following features: analog bar display, non-contact voltage detection (NCV), auto-ranging capability, relative measurement mode (REL), max/min recording, data hold function, high-voltage alert system, low-battery indicator, auto-adjusting backlight, and automatic power-off (APO).

UT219PV

Professional AC/DC Clamp Meter-SOLAR

The UT219PV is an AC/DC clamp meter designed for PV systems, offering precision in measuring parameters like voltage, current, and resistance. It excels not only in solar applications but also in other high-voltage settings like energy storage systems, UPS, and large motors.

Product Highlights:

- Ultra-thin Jaw for solar system
- High-voltage measurement (AC/DC)
- Dual LCD display: V+A
- Audible & Visual alarm
- IP65 protection & CAT III 1500V
- Data communication: Bluetooth app

Specifications	Range	
Manual language	EN, FR, DE, IT, ES, SV, PL, CZ	
Current (ACA)	999.9A	40Hz~100Hz:±(2.0%+5) 100Hz~1000Hz:±(2.5%+5)
Current (DCA)	999.9A	±(2.0%+5)
Voltage (ACV)	999.9V/1500V	40Hz~1000Hz: ±(1.0%+5)
Voltage (DCV)	999.9V/2500V	±(1.0%+5)
Voltage (DC mV)	999.9mV	±(1.0%+5)
ACV (with LPF)	999.9V	±(2.0%+9)
ACA (with LPF)	999.9A	±(2.5%+9)
ACA (with LPF): flex clamp sensor	30.00A/300.0A/3000A	±(4.0%+9) (center area)
ACA: with flex clamp sensor	30.00A/300.0A/3000A	±(3.0%+5) (center area)
Power (DC)	999.9 kVA/2500 kVA	±(2.0%+20)
Frequency (A&V)	5.0 Hz to 999.9Hz	±(0.5%+5)
Resistance (Ω)	999.9Ω/9.999KΩ/99.99kΩ	±(1.0%+5)
Capacitance (F)	100.0μF/1000μF	±(1.0%+5)
Temperature	-40°C~400°C/-40°F~752°F	±(1.0%+30); ±(1.0%+60)

Features	
True RMS	√
Display count	9999
Display	LCD: Dual display (V+A)
Jaw (Max conductor dia.)	35mm
Diode	√
Solar panel polarity indication	when <-10 DCV, Audible & Visual alarm
Negative indication (DC)	Audible + Visual alarm
Alarm/Indication	High voltage alarm; Over range indication
AUTO HOLD	√
Inrush current	√
PEAK	√
Bluetooth	√
Data storage	√
Flexiable clamp compatible	UT-CS09D (optional)
IP rating	IP65
Overvoltage category	CAT III 1500V, CAT IV 600V

Characteristics	
Power supply	AAA x 1
Product dimension	197 x 34.5 x 39.9mm
Product color	Grey + Red
Accessories	Test probe, temperature probe, batteries, manual

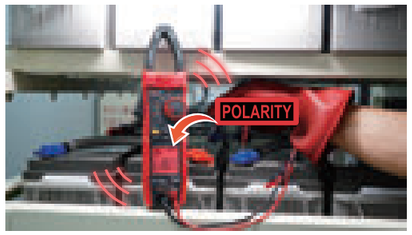


IP65 | Bluetooth | CAT III 1500V | True RMS

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- Generating real-time charts;
- Export multiple test data: PDF/XLS/JPEG/CSV;





UT196

Professional Multimeter - Solar Pro

The UT196 True RMS solar digital multimeter is an ideal rugged tool for solar system maintenance, capable of measuring up to 1700V DC, 1500V AC. Featuring IP65 & 2m drop protection, a low-pass filter, and a low impedance mode, it ensures safe and efficient work in challenging conditions.

Product Highlights:

- DC voltage measurement: 1700V
- Clamp sensor supported (current test)
- Low pass filter function

Specifications	Range	
DC voltage (V)	1700V	±(0.2%+5)
AC voltage (V)	1500V	±(0.8%+3)
Frequency (Hz)	1MHz	±(0.08%+4)
Resistance (Ω)	60MΩ	±(0.8%+2)
Capacitance (F)	60mF	±(1.9%+5)

Features		
Display count		6000
Dual display		√
Auto range		√
NCV		√
Diode/Continuity test		√
Relative mode		√
Max/Min		√
Data hold/Peak		√
Low pass filter (LPF)		√
Audible and visual indication		√
Low battery indication	<7.5V	√
Optional flex clamp	3000A AC (UT-CS09D)	√
Analog bar graph		√
Auto power off	15minutes	√
Flashlight		√
IP rating		IP65
Drop test		2m
Safety rating		CAT III 1000V, CAT IV 600V

Characteristics	
Standard accessories	Test leads, batteries
Power	9V (6F22)
Product size	195 x 95 x 58mm
Product net weight	485g
Standard individual packing	Gift box, carrying bag, English manual
Standard quantity per carton	10pcs
Standard carton measurement	480 x 370 x 195mm



IP65 | 2m drop | CAT III 1000V | CAT IV 600V | True RMS



UT-CS06A (Optional) UT-CS07 (Optional)



UT503PV

PV Insulation Tester

The UT503PV measures photovoltaic insulation resistance without requiring panel shutdown. It also features ordinary insulation resistance tests, auto AC/DC voltage test, stepping voltage, automatic discharge, and Bluetooth transmission. Commonly used for testing insulation in solar system, battery storage, and so on.

Product Highlights:

- IR test in PV system
- Portable and compact design
- Auto AC/DC voltage test
- Stepping voltage & Auto discharge

Output voltage	Insulation resistance	PV insulation resistance	Accuracy
Manual language	EN, FR, DE, IT, ES, SV, PL, CZ		
125V	<1.51MΩ	N/A	For reference only
	1.51MΩ~100.0MΩ		±(1.5%+5)
	100.1MΩ~1000MΩ		±(5%+6)
250V	<1.51MΩ	N/A	For reference only
	1.51MΩ~200.0MΩ		±(1.5%+5)
	200.1MΩ~2000MΩ		±(5%+6)
500V	<1.51MΩ	<1.51MΩ	For reference only
	1.51MΩ~1000MΩ	1.51MΩ~1000MΩ	±(1.5%+5)
	1001MΩ~4000MΩ	1001MΩ~4000MΩ	±(5%+6)
1000V	<1.51MΩ	<1.51MΩ	For reference only
	1.51MΩ~1000MΩ	1.51MΩ~1000MΩ	±(1.5%+5)
	1001MΩ~4000MΩ	1001MΩ~4000MΩ	±(5%+6)
Voltage measurement	DC Voltage	5~1000V DC	±(1%+4)
	AC Voltage	5~600V AC	±(1%+4)
Short circuit current	IR measurement	<1.5mA	
	PV IR measurement	<1.2mA	

Features	
Continue measurement (IR)	√(default setting)
Time measurement	√
Compare function(IR)	√
Stepping voltage	√
Auto discharge	√
Energized device test	IR measurement: DO NOT test if the DUT voltage is above 25V
	PV IR measurement: the DUT voltage should ≤ DC 1000V
High voltage alarm	√
Data storage	1000 set
Communication interface	Bluetooth, USB
Product dimension	161(L) x 117.3(D) x 63(H)mm
IP	IP54 (with cap closed)
CAT rating	CAT II 1000V, CAT III 600V

Characteristics	
Product color	Red + grey
Product weight	About 0.5KG (including battery)
Product size	161(L) x 117.3(D) x 63(H)mm
Standard package	Hard cloth bag + carton box
SPQ	2
Package size	360 x 230 x 290mm



USB | Bluetooth

CAT II 1000V | CAT III 600V

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- Generating testing report;
- Generating real-time charts;
- Export multiple test data: PDF/XLS/JPEG/CSV;



Energized device test (DC 1000V; PV)



Insulation Resistance Testers

Insulation resistance testing measures the resistance of electrical insulation materials to prevent current leakage. Our products deliver accurate, reliable readings, helping users identify insulation defects early, avoid equipment breakdowns, ensure electrical safety, and extend device lifespan. Widely applied in power generation, electrical maintenance, automotive electronics, industrial machinery, and construction sectors for routine checks and pre-commissioning tests.



UT500 SERIES

Insulation Resistance Testers

UT500 Series insulation resistance testers are portable and compact, the output voltage are 1000V(UT502A: 2500V), they can measure the insulation resistance of the electrical cable, low power motor. some othter on-site applications.

Product Highlights:

- 2000 count LCD display
- PI & DAR measurement
- Auto discharge
- AC voltage measurement
- Continuous & Low resitance
- Audible & Visible alarm



UT502A

CAT III 600V





All the models in this page share the same mold.

Test Voltage	Insulation resistance (Ω)	UT501A	UT501B	UT502A
100V	0MΩ~100MΩ	±(3%+5)		
250V	0MΩ~99.9MΩ 100MΩ~5GΩ	±(3%+5) ±(5%+5)	±(3%+5) ±(5%+5)	
500V	0MΩ~99.9MΩ 100MΩ~5GΩ	±(3%+5) ±(5%+5)	±(3%+5) ±(5%+5)	±(3%+5) ±(5%+5)
1000V	0MΩ~99.9MΩ 100MΩ~5GΩ	±(3%+5) ±(5%+5)	±(3%+5) ±(5%+5)	±(3%+5) ±(5%+5)
2500V	0MΩ~99.9MΩ 100MΩ~9.9GΩ 10GΩ~20GΩ			±(3%+5) ±(5%+5) ±(10%+5)
Test voltage accuracy	100V/250V/500V/1000V	0%~10%	0%~10%	0%~10%
Short-circuit current		<2mA	<2mA	<2mA
AC voltage (V)	30V~600V 30V~750V	±(2%+3)	±(2%+3)	±(2%+3)
Display count		2000	2000	2000
DAR	60s/15s and 60s/30s		√	√
PI			√	√
Meets IEC 61557	61557-1:2007; 61557-2:2007; 61557-4:2007 (UT502A only)			
Overvoltage category	CAT III 600V			

Characteristics	
Standard accessories	Batteries, test leads, alligator clips, elastic strap, test probes (UT502A), English manual
Power	1.5V battery (LR6) x 6
Display	70.6 x 34mm
Product size	150 x 100 x 71mm
Product net weight	500g
Standard individual packing	Gift box, carrying bag
Standard quantity per carton	20pcs
Standard carton measurement	500 x 380 x 330mm
Standard carton gross weight	UT501A: 17.7kg; UT501B: 20.9kg; UT502A: 18.9kg

UT501E

Fast Insulation Resistance Tester

The UT501E is a portable insulation resistance tester with compact deisgn. Boasting rapid test, a comparison test feature, and a safety lock function to prevent errors, it significantly enhances the efficiency of electrical engineers. This tool stands as a convenient and essential asset in their toolkit.

Product Highlights:

- 2.5 times fast measurement
- Portable and compact design
- Rechargeable Lithium battery
- Auto discharge
- High voltage alarm



IP54 CAT III 600V

Specifications		
Manual language	EN, FR, DE, IT, ES, SV, PL, CZ	
Insulation resistance		0~4GΩ
	100V	1, (0.1~20M): ±(2%+6); 2, (20.1~200M): (±(5%+6)
	125V	1, (0.1~20M): ±(2%+6); 2, (20.1~200M): (±(5%+6)
	250V	1, (0.2~40M): ±(2%+6); 2, (40.1~500M): (±(5%+6)
	500V	1, (0.5~200M): ±(2%+6); 2, (200.1~2000M): (±(5%+6)
	1000V	1, (1~1000M): ±(2%+6); 2, (1001~4000M): (±(5%+6)
Rated current	1.0mA	
short circuit current	<2.0mA	
Low resistance measurement	0.00Ω~400Ω ±(2%+8)	
AC voltage	30V~600V ±(2%+3); 50Hz/60Hz	
DC voltage	30V~600V ±(2%+3)	

Features	
Display count (max)	4200
Fast measurement	√ (2.5 times faster insulation measurement)
DAR	√
PI	√
Compare function	√
Auto discharge	√
LoZ function	√
High voltage alarm	√
Manual range (IR)	√
Auto range (voltage)	√
Data storage	99 set
Overrange display	OL
Security lock	√
Remote testing	√
analog strip	√
IP rating	IP54
CAT rating	CAT III 600V
Other features	Backlight, Auto power off, Low battery indication

Characteristics	
Power supply	11.1V/2600mAh lithium battery
Product color	Black + Red
Product dimension	161 x 116 x 68mm



Lightning-Fast Insulation Resistance Measurement



Automatic Voltage Measurement



Auto Discharge for Safety



UT505 SERIES

Handheld Insulation Resistance Testers

The UT505 series, handheld true RMS insulation testers, combines multimeter functions with the ability to measure insulation resistance, PI, and DAR. It's ideal for assessing insulation in precision tools, motors, cables, transformers, switches, and electrical appliances.

Product Highlights:

- Analog bar graph
- PI & DAR measurement
- Comparison & Auto discharge
- High voltage alarm
- Portable & compact design



UT505A

CAT IV 1000V True RMS





All the models in this page share the same mold.

Specifications	Insulation resistance (Ω)	UT505A	UT505B
50V	0.01MΩ~50MΩ	±(3%+5)	±(3%+3)
	50MΩ~1GΩ		±(3%+3)
	1GΩ~10GΩ		±(3%+3)
100V	0.01MΩ~100MΩ	±(3%+5)	±(3%+3)
	100MΩ~1GΩ		±(3%+3)
	1GΩ~20GΩ		±(3%+3)
250V	0.01MΩ~200MΩ	±(1.5%+5)	±(3%+3)
	200MΩ~1GΩ		±(3%+3)
	1GΩ~50GΩ		±(3%+3)
500V	0.01MΩ~500MΩ	±(1.5%+5)	±(3%+3)
	500MΩ~1GΩ		±(3%+3)
	1GΩ~100GΩ		±(3%+3)
1000V	0.1MΩ~2000MΩ	±(1.5%+5)	±(3%+3)
	2GΩ~9.9GΩ	±(10%+3)	±(3%+3)
	10GΩ~20GΩ	±(20%+10)	±(3%+3)
	20GΩ~200GΩ		±(3%+3)
Test voltage accuracy	50V/100V/250V/500V/1000V	0%~10%	0%~20%
Load current	1mA	0%~10%	0%~10%
Short circuit current		<2mA	<2mA
Leakage current (A)	10~2000μA		±(10%+3)
Low resistance (Ω)	0.01Ω~20kΩ (about 5V/>200mA)	±(1.5%+3)	
	0.01Ω~100Ω (about 5V/>200mA/20mA optional)		±(1.5%+3)
General resistance (Ω)	0.01kΩ~10MΩ		±(3%+3)
DC voltage (V)	0V~600V	±(2%+3)	±(2%+3)
AC voltage (V)	0V~600V	±(2%+3)	±(1.5%+5)
Frequency (Hz)	45~1kHz		±(0.1%+3)
Capacitance (F)	100pF~500μF		±(5%+5)
Display count	6000		
Overvoltage category	CAT IV 600V		

Features	
True RMS/analog bar graph	Continuity buzzer
DAR/PI timing measurement	99-group data storage
Comparison measurement	Step voltage
Auto fuse check (UT505B)	Auto range/auto power off
High voltage output alarm	LCD backlight/data hold
Auto discharge	Low battery indication

Characteristics	
Standard accessories	Batteries, test leads, test probes, alligator clips, English manual
Optional accessory	Remote test lead
Power	1.5V battery (LR6) x 6
Display	78 x 59mm
Product size	103 x 225 x 59mm
Product net weight	630g
Standard individual packing	Carrying bag, gift box
Standard quantity per carton	5pcs
Standard carton measurement	325 x 320 x 205mm
Standard carton gross weight	UT505A: 5.5kg; UT505B: 6.3kg

UT510 SERIES

Insulation Resistance Testers

The UT510 series testers can measure the insulation resistance of large transformers, generators, and high-voltage motors, among others. They also assess key parameters like PI and DAR. The data measured can be analyzed using PC software. The UT513A model is capable of generating test voltages up to 5kV.

Product Highlights:

- High output voltage
- PI & DAR measurement
- High voltage indication
- Analog bar graph: 30
- Comparison measurement



UT513A

IEC 61557

CAT II 1000V CAT III 600V





All the models in this page share the same mold.

Test Voltage	Insulation resistance (Ω)	UT511	UT512	UT513A
100V	0.1MΩ~500MΩ	±(3%+5)		
250V	0.5MΩ~2GΩ	±(3%+5)		
500V	1MΩ~4GΩ	±(5%+5)		
	0.5MΩ~5GΩ	±(5%+5)	±(5%+5)	
	0.5MΩ~20GΩ			±(5%+5)
1000V	2MΩ~10GΩ	±(5%+5)	±(5%+5)	
	1MΩ~40GΩ			±(10%+5)
1500V	5MΩ~20GΩ		±(5%+5)	
2500V	2.5MΩ~100GΩ			±(10%+5)
	10MΩ~100GΩ		±(10%+5)	
5000V	5MΩ~1000GΩ			±(20%+5)
DC voltage (V)	1000V	±(2%+3)		
	600V		±(2%+5)	±(2%+3)
AC voltage (V)	750V	±(2%+3)		
	600V		±(2%+5)	±(2%+3)
Test voltage accuracy		0%~10%	0%~20%	0%~20%
Short-circuit current		<2mA	<1.8mA	>3mA
Low resistance (Ω)	0.1Ω~999.9Ω	±(1%+3)		
Test voltage secondary display				√
USB interface			√	√
Timing measurement	Around 30 minutes	√		
	Around 15 minutes		√	√
IEC 61557	UT513A: 61557-1:2007; 61557-2:2007			
Overvoltage category	CAT III 600V; CAT II 1000V (UT511 only)			
Power	1.5V battery (LR14) x 8			

Characteristics	
Standard accessories	2pcs of one plug test leads to one alligator clip (black and green), 1pcs of two plugs test lead to one alligator clip (red), batteries, USB cable (UT512/UT513A), power adaptor (UT512/UT513A), English manual
Optional accessories	Power adaptor (UT511)
Display	123 x 58mm
Product size	202 x 155 x 94mm
Product net weight	500g
Standard individual packing	Gift box, tool box
Standard quantity per carton	4pcs
Standard carton measurement	505 x 345 x 345mm
Standard carton gross weight	UT511: 13.4kg; UT512: 15.9kg; UT513A: 18.9kg

UT512D/UT512E

2.5kV Insulation Resistance Testers

UT512D/UT512E are digital high-voltage insulation resistance testers, designed with multiple ranges(250V to 2500V). It is an ideal measurement meter for electric power, telecommunication, meteorology, electromechanical installation and maintenance, and power supply department of Industry and mining enterprises.

Product Highlights:

- High output voltage: up to 2500V
- PI & DAR measurement
- Comparison measurement
- Timing measurement
- Data Storage: 999 sets



UT512E

CAT IV 600V



All the models in this page share the same mold.

Rated voltage	UT512D	UT512E	Accuracy
Manual language	EN, FR, DE, IT, ES, SV, PL, CZ		
250V	<0.25MΩ	<0.25MΩ	reference only
	0.25MΩ~4.99GΩ	0.25MΩ~4.99GΩ	±(5%+5)
	5.00GΩ~24.9GΩ	5.00GΩ~49.9GΩ	±(20%+10)
	25.0GΩ~100GΩ	50.0GΩ~250GΩ	reference only
500V	<0.50MΩ	<0.50MΩ	reference only
	0.50MΩ~9.99GΩ	0.50MΩ~9.99GΩ	±(5%+5)
	10.0GΩ~49.9GΩ	10.0GΩ~99.9GΩ	±(20%+10)
	50.0GΩ~200GΩ	100GΩ~500GΩ	reference only
1000V	<1.00MΩ	<1.00MΩ	reference only
	1.00MΩ~19.9GΩ	1.00MΩ~19.9GΩ	±(5%+5)
	20.0GΩ~99.9GΩ	20.0GΩ~199GΩ	±(20%+10)
	100GΩ~400GΩ	200GΩ~1.00TΩ	reference only
2500V	<2.50MΩ	<2.50MΩ	reference only
	2.50MΩ~49.9GΩ	2.50MΩ~49.9GΩ	±(5%+5)
	50.0GΩ~249GΩ	50.0GΩ~499GΩ	±(20%+10)
	250GΩ~1.00TΩ	500GΩ~2.50TΩ	reference only
Output voltage (Rating)	stepping voltage range		Accuracy: Display: ±(10% +10V) Output: ±(0%~20%)
250V	350V, 275V, 300V		
500V	300V, 350V, 400V, 450V, 500V, 550V, 600V		
1000V	500V, 600V, 700V, 800V, 900V, 1000V, 1100V, 1200V		
2500V	1250V, 1500V, 1750V, 2000V, 2250V, 2500V		
Capacitance test	NA	0.01uF~2.0uF	±(15%+3)
Low resistor test	NA	0.1Ω~600Ω	±(2%+10)
DC voltage	30~1000VDC		±(3%+5)
AC voltage	30~750VAC 50Hz/60Hz		±(3%+5)
Current	0.01nA~3.5mA	0.01nA~5mA	
Short-circuit current	about 3.5mA	about 5mA	

General Characteristics		
Power supply	8 x LR14 Alkaline battery	UT512D
	14.8V,5200mAh lithium battery	UT512E
Product color	Black+Red	
Product weight	About 1800g (including battery)	
Accessories	User manual 1 pc; Test lead (red, black, green: 1 for each) 3 pcs; USB cable 1 pc; Lithium battery charger (Output: 16.8Vdc, 2A) 1 pc (UT512E only); Lithium battery pack (14.8V, 5200mAh) 1 pc (UT512E only); Adapting charging stand (optional, model: UT-W12, for UT512E only); 8 PCS LR14 alkaline batteries (UT512D); Carrying strap 1pc	
Standard package	case + carton	
Package quantity	1pcs	
Package size	238 x 166 x 90.5mm (L x W x D)	

UT513B/UT513C

5kV Insulation Resistance Testers

UT513B/UT513C are digital high-voltage insulation resistance testers, designed with multiple ranges (250V to 5000V). It is an ideal measurement meter for electric power, telecommunication, meteorology, electromechanical installation and maintenance, and power supply department of Industry and mining enterprises.

Product Highlights:

- High output voltage: up to 5000V
- PI & DAR measurement
- Comparison measurement
- Timing measurement
- Anti-Misplug protection



UT513B

All the models in this page share the same mold.

Rated voltage	UT513B	UT513C
250V	<0.25MΩ: reference only	<0.25MΩ: reference only
	0.25MΩ~2.49GΩ: ±(5%+5)	0.25MΩ~4.99GΩ: ±(5%+5)
	2.50GΩ~24.9GΩ: ±(10%+10)	5.00GΩ~49.9GΩ: ±(10%+10)
	25.0GΩ~100GΩ: reference only	50.0GΩ~250GΩ: reference only
500V	<0.50MΩ: reference only	<0.50MΩ: reference only
	0.50MΩ~4.99GΩ: ±(5%+5)	0.50MΩ~4.99GΩ: ±(5%+5)
	5.00GΩ~49.9GΩ: ±(10%+10)	5.00GΩ~99.9GΩ: ±(10%+10)
	50.0GΩ~200GΩ: reference only	100GΩ~500GΩ: reference only
1000V	<1.00MΩ: reference only	<1.00MΩ: reference only
	1.00MΩ~9.99GΩ: ±(5%+5)	1.00MΩ~9.99GΩ: ±(5%+5)
	10.0GΩ~99.9GΩ: ±(10%+10)	10.0GΩ~199GΩ: ±(10%+10)
	100GΩ~400GΩ: reference only	200GΩ~1.00TΩ: reference only
2500V	<2.50MΩ: reference only	<2.50MΩ: reference only
	2.50MΩ~24.9GΩ: ±(5%+5)	2.50MΩ~24.9GΩ: ±(5%+5)
	25.0GΩ~249GΩ: ±(15%+10)	25.0GΩ~499GΩ: ±(15%+10)
	250GΩ~1.00TΩ: reference only	500GΩ~2.50TΩ: reference only
5000V	<5.00MΩ: reference only	<5.00MΩ: reference only
	5.00MΩ~49.9GΩ: ±(5%+5)	5.00MΩ~49.9GΩ: ±(5%+5)
	50.0GΩ~499GΩ: ±(15%+20)	50.0GΩ~999GΩ: ±(15%+20)
	500GΩ~2.00TΩ: reference only	1.00TΩ~5.00TΩ: reference only
Output voltage	stepping voltage range	Accuracy: Display: ±(10% +10V) Output: ±(0%~20%)
250V	250V, 275V, 300V	
500V	250V, 300V, 350V, 400V, 450V, 500V, 550V, 600V	
1000V	500V, 600V, 700V, 800V, 900V, 1000V, 1100V, 1200V	
2500V	1250V, 1500V, 1750V, 2000V, 2250V, 2500V, 2750V, 3000V	
5000V	2500V, 3000V, 3500V, 4000V, 4500V, 5000V	
Capacitance test	NA	0.01uF~15.0uF
DC voltage	30~1000VDC: ±(3%+5)	
AC voltage	30~750VAC(50Hz/60Hz): ±(3%+5)	
Test current	0.01nA~3.5mA	0.01nA~5.0mA
Short-circuit current	about 3.5mA	about 5.0mA
Data transmission	USB interface	USB interface
Bluetooth		√

General Characteristics	
Power supply	14.8V, 5200mAh lithium battery
Product color	Black+Red
Product weight	About 1800g (including battery)
Product dimension	238 x 166 x 90.5mm (L x W x D)
Package quantity	1pcs
Package size	415 x 155 x 370mm (L x W x D)
Accessories	User manual 1pcs; Test lead (red, black, green, 1 for each) 3pcs; USB cable 1pcs; Lithium battery charger 1pcs; Lithium battery pack 1pcs; Adapting charging stand(optional); Carrying strap 1pcs;

CAT IV 600V

Bluetooth (UT513C only)



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UT515B

10KV Insulation Resistance Tester

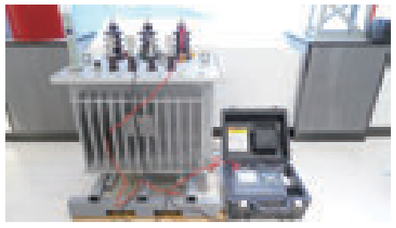
This is a digital high-voltage insulation resistance tester with 6 ranges: 500V, 1000V, 2500V, 5000V, 10000V. It allows fine-tuning voltage with a 10% step. Test data can be saved in the instrument's memory and transferred to a PC via USB cable. It is widely used to measure insulation resistance in transformers, cables, and electrical equipment, as well as in high-voltage power, telecommunications, meteorology, and oil fields.

Product Highlights:

- High output voltage: 12KV
- PI & DAR measurement
- Comparison & Auto discharge
- PC software analysis (USB cable)
- AC/DC voltage measurement



CAT III 600V







Features	
Display count	9999
Short-circuit current	500V/1000V: ≥3.7mA; 2500V/5000V/10000V: ≥5mA
IR stepping voltage	√ (10% of the range)
Leakage current	0.01nA~5.00mA, ±(10%+5)
DAR	0.00~999: ±2dgt
PI	0.00~999: ±2dgt
Compare function	√
Timing measurement	√
Auto discharge	√ (with discharge process)
Output protection	√ (the energied target voltage >30V; indicating the "energized" icon)
Data storage	999 set
Data transmission	√ (all data; via USB cable)
Powr on/off	√ (Manual/Auto)
OL & low battery indication	√
Testing indication	Long press to turn on; short press again to turn off
Backlight	Auto backlight
Rechargeable battery	14.8V/5200mAh lithium battery pack
Over voltage category	CAT IV 600V
General characteristics	
Product color	Grey
Product weight	Around 7.4kg
Product dimension	Tool box: 432 x 427 x 202mm
Standard accessories	power adaptor 1pcs; Test lead 3pcs (red/black/green); USB cable 1pcs; Manual 1pcs
SPQ	1pcs/carton
Dimension (SP)	505 x 275 x 505mm
Gross weight (SP)	Around 9.8kg

Specifications

Function	Range	Resolution	Accuracy	Input protection
Insulation resistance	500V (0.50MΩ~500GΩ)	0.01MΩ	0.50MΩ~4.99G: 5%+5 5.00G-49.9GΩ: 10%+10 50.0GΩ- 500GΩ: FYI	Stepping voltage: 400V~600V; 10% of the range
		0.1MΩ		
		1MΩ		
		0.01GΩ		
		0.1GΩ		
		1GΩ		
	1000V (1.00MΩ~1000GΩ)	0.01MΩ	1.00MΩ~9.99G: 5%+5 10.0G-99.9GΩ: 10%+10 100GΩ- 1000GΩ: FYI	Stepping voltage: 500V~1200V; 10% of the range
		0.1MΩ		
		1MΩ		
		0.01GΩ		
		0.1GΩ		
		1GΩ		
	2500V (2.50MΩ~2.5TΩ)	0.01MΩ	2.50MΩ~24.9G: 5%+5 25.0G-249GΩ: 15%+10 250GΩ- 2.5TΩ: FYI	Stepping voltage: 400V~600V; 10% of the range
		0.1MΩ		
		1MΩ		
		0.01GΩ		
		0.1GΩ		
		1GΩ		
	5000V (5.00MΩ~5.0TΩ)	0.01MΩ	5.00MΩ~49.9G: 5%+5 50.0G-499GΩ: 15%+20 500GΩ- 5.0TΩ: FYI	Stepping voltage: 2500V~6000V; 10% of the range
		0.1MΩ		
		1MΩ		
		0.01GΩ		
		0.1GΩ		
		1GΩ		
	10000V (10.0MΩ~10TΩ)	0.01MΩ	10.0MΩ~99.9G: 10%+10 100G-999GΩ: 10%+10 1000GΩ- 10TΩ: FYI	Stepping voltage: 5000V~10000V; 10% of the range
		0.1MΩ		
		1MΩ		
		0.01GΩ		
		0.1GΩ		
		1GΩ		
Output voltage	500V	1V	0%---+20%	30v
	1000V	1V		
	2500V	1V		
	5000V	1V		
	10000V	1V		
Rated current	0.15~1.2mA		0%---+20%	
Voltage measurement	DC: ±30V~±1000V	1V	±(3%+5)	1100V DC 800V AC
	AC: 30V~750V (50~60Hz)	1V	±(3%+5)	

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UT516B

12kV Insulation Resistance Tester

The UT516B is a versatile digital tester with up to 12kV settings, adjustable in 10% steps. It facilitates USB data transfer and is ideal for power equipment and insulation maintenance.

Product Highlights:

- High output voltage: 12KV
- PI & DAR measurement
- Comparison & Auto discharge
- PC software analysis (USB cable)
- AC/DC voltage measurement



UT516B

CAT III 600V



	Test Voltage	Range	Accuracy
Insulation resistance measurement	500V	0.50MΩ~4.99G 5.00G~49.9GΩ 50.0GΩ~500GΩ	±(5%+5) ±(10%+10) for reference only
	1000V	1.00MΩ~9.99GΩ 10.0G~99.9GΩ 100GΩ~1000GΩ	±(5%+5) ±(15%+10) for reference only
	2500V	2.50MΩ~24.9GΩ 25.0G~249GΩ 250GΩ~2.5TΩ	±(5%+5) ±(15%+10) for reference only
	5000V	5.00MΩ~49.9GΩ 50G~499GΩ 500GΩ~5.0TΩ	±(5%+5) ±(15%+20) for reference only
	10000V	10.0MΩ~99.9GΩ 100G~999GΩ 1000GΩ~10TΩ	±(10%+10) ±(20%+20) for reference only
	12000V	12.0MΩ~99.9GΩ 100G~999GΩ 1000GΩ~10TΩ	±(10%+10) ±(20%+20) for reference only
Output voltage		500V, 1000V, 2500V, 5000V, 10kV, 12kV	0~+10% -5~+10%
Short-circuit current	500V, 1000V	>3.7mA	
	2500V, 5000V, 10kV, 12kV	>5.0mA	
DC voltage measurement	30V~1000V		±(3%+5)
AC voltage measurement	30V~750V (50~60Hz)		±(3%+5)
PC software for data analysis	√		
Backlight function	√		
Data storage	999 sets of data		
Dielectric absorption ratio (DAR)	0.00~999		
Polarization index (PI)	0.00~999		

Characteristics	
Standard accessories	User manual, test leads (red/black/green 1 each), USB cable, power adaptor, 1.5V alkaline batteries
Power	1.5V alkaline batteries (LR14) X 10, power adapter
Display	71 x 34mm
Product size	410 x 342 x 204mm
Product net weight	6.6kg
Standard individual packing	Gift box, tool box
Standard quantity per carton	1pc
Standard carton measurement	510 x 320 x 420mm
Standard carton gross weight	10.2kg

Earth Clamp Meters

Ground resistance testing gauges the resistance of a grounding system to ensure safe dissipation of fault currents. Our products provide precise, stable measurements, enabling users to detect poor grounding issues timely, reduce electric shock risks, comply with safety standards, and protect equipment from surge damage. Ideal for power grids, buildings (residential/commercial), industrial plants, telecom towers, and renewable energy facilities for regular inspections and system validation.



UT572A

Earth Resistance Tester

Earth Resistance Testers are standard tools for assessing the resistance of grounding systems. They are extensively used across various sectors, including electricity, telecommunications, meteorology, oil fields, construction, and industrial electrical equipment, to ensure the safety and efficiency of grounding systems.



Product Highlights:

- 2/3/4-wire method for Grounding resistance measurement
- Soil resistivity & Grounding voltage measurement
- Strong anti intereference
- Build in printer
- IP64 (with cap closed)
- 2600mAh lithium battery

Specifications		
Manual language	EN, FR, DE, IT, ES, SV, PL, CZ	
Ground resistance range	0.00~20KΩ	
Ground resistance R (Two-three-four-wire method) (Range/Accuracy/Resolution)	0.00Ω~19.99Ω	±2%rdg±2dgt; 0.01Ω
	20.0Ω~199.9Ω	±2%rdg±2dgt; 0.1Ω
	200Ω~1999Ω	±2%rdg±2dgt; 1Ω
	2kΩ~20kΩ	±3%rdg±5dgt; 10Ω
Soil resistivity (ρ) Depends on the measurement accuracy of R (ρ=2πaR; a: 1m~100m; π=3.14)	0.00Ωm~99.99Ωm	0.01Ωm
	100.0Ωm~999.9Ωm	0.1Ωm
	1000Ωm~9999Ωm	1Ωm
	10.00kΩm~50.00kΩm	10Ωm
Ground disturbance voltage (V) 50Hz/60Hz	AC 0.0V~100.0V	±2%rdg±3dgt; 0.1V
Test frequency	1470Hz	±1Hz
Short circuit test current	AC 250.0mA MAX	
Open circuit test voltage	AC 40V MAX	
Function	Ground resistance, soil resistivity, ground voltage	
Measurement methods (Ground resistance)	Ground resistance 3/4-wire method	
	Soil resistivity (Wenner method)	
	Grounding voltage average value rectification method	
Measurement instructions	LED flashing indication during measurement; LCD countdown display	
Electrode spacing range	Up to 50m	
Backlight (LCD)	√ (5.3 inch LCD color; Controllable)	
USB	√	
Printer	√	
Other features	Data hold; 2000 set data storage; Over range protection; Auto range; Auto power off; Low battery indication	
Power supply	Lithium battery 12 V - 2600 mAh; 2000 cycles	
Working temperature and humidity	-10°C~55°C; ≤95% RH without condensation	
Storage temperature and humidity	-20°C~60°C; ≤95% RH without condensation	
IP rating	IP64 (cap closed)	
Overvoltage category	CAT III 300V, CAT IV 150V	
CE certification	√	

Characteristics	
Weight	3kg
Product dimension	320 x 275 x 145mm (L x W x H)
Accessories	1kg hammer; AC power adapter; 12V charging cable; USB cable; Standard resistance resistance value 1Ω and 1kΩ; user manual; cloth bag; test lead; Auxiliary ground rod

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

UT272A/UT275A

Earth Clamp Meters

The UT27X series clamp-on ground resistance tester, also called loop resistance tester, is used to measure ground resistance. With a two-color mold, it boasts an elegant, premium look, easy operation and portability, along with accuracy, reliability, stable performance and strong anti-interference capability. It is an essential instrument for electrical and mechanical installation and maintenance in telecommunications, power, equipment rooms and other fields.

Product Highlights:

- Earth resistance test
- AC Current test (UT275A only)
- Data storage
- Blutooth App (UT275A only)
- Auto power off



UT272A



UT275A

IP40

CAT IV 300V

Specifications	UT272A			UT275A		
	Range	Resolution	Accuracy	Range	Resolution	Accuracy
Earth resistance (Auto range)	0.01Ω~0.19Ω	0.01Ω	±(1.5%+0.05Ω)	0.01Ω~0.199Ω	0.001Ω	±(1%+0.02Ω)
	0.20Ω~1.95Ω	0.05Ω	±(1.5%+0.1Ω)	0.20Ω~1.99Ω	0.01Ω	±(1%+0.05Ω)
	2.0Ω~49.9Ω	0.1Ω	±(1.5%+1Ω)	2.0Ω~49.9Ω	0.1Ω	±(1%+0.5Ω)
	50.0Ω~99.5Ω	0.5Ω	±(2%+2Ω)	50.0Ω~99.5Ω	0.5Ω	±(1.5%+1Ω)
	100Ω~199Ω	1Ω	±(2.5%+5Ω)	100Ω~199Ω	1Ω	±(2%+2Ω)
	200Ω~400Ω	5Ω	±(5%+10Ω)	200Ω~395Ω	5Ω	±(5%+5Ω)
				400~590Ω	10Ω	±(10%+10Ω)
				600Ω~880Ω	20Ω	±(20%+20Ω)
				900Ω~1.20KΩ	30Ω	±(25%+30Ω)
AC Current (Auto range/50Hz/60Hz)				1.00mA~9.99mA	0.01mA	±(2.5%+1mA)
				10.0mA~99.9mA	0.1mA	±(2.5%+5.0mA)
				100mA~999mA	1mA	±(2.5%+10mA)
				1.00A~9.99A	0.01A	±(2.5%+0.2A)
				10.0A~30.0A	0.1A	±(2.5%+0.5A)

The above indicators have a temperature and humidity range of 23°C ± 5°C and below 80% rh (no condensation).

Features	UT272A	UT275A
Functional	1, Earth resistance test; 2, Loop resistance test	1, Earth resistance test; 2, Loop resistance test; 3, AC current test
Max measurable conductor dia.	Max Φ44mm	Max Φ44mm
Clamp opening size	Max 46mm	Max 46mm
Display	4 digit LCD	4 digit LCD
Sampling rate	2 time/s	2 time/s
Data storage	500 set	500 set
Over range indication	√	√
Data recall	√	√
APO	Around 10 minutes withou operation	Around 10 minutes withou operation
Insulation resistance	50MΩ/1000V	50MΩ/1000V
Power consumption	Around 50mA (max: 100mA)	Around 50mA (max: 100mA)
Working temp	-10°C~50°C relative humidity below 85%, no condensation.	
Storage temp	-20°C~60°C relative humidity below 85%, no condensation.	
IP rating	IP40	IP40
Safety regulation grade	IEC 61010-1: 2001 (CATIV 300V; Polution: 2) IEC 61010-2-032: 2002 IEC 61326: 2000 (EMC standard)	IEC 61010-1: 2001 (CATIV 300V;Polution: 2) IEC 61010-2-032: 2002 IEC 61326: 2000 (EMC standard)

Characteristics	
Product size	285 x 85 x 58mm
Accessories	1, R6P batteries: 4pcs; 2, Manual: 1pcs; 3, Calibration loop: 1pcs (1Ω & 10Ω); 4, Tool box: 1pcs;

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UT276A+

Earth Clamp Meter

UT276A+ can quickly and safely measure the grounding system without disconnecting circuit ground lines or the need for [auxiliary electrodes]. The clamps' double insulation design makes them durable tools for outdoor work and effective at blocking interference from the environment.

Product Highlights:

- Large Jaw size: up to 32mm
- Earth resistance measurement
- APO & Low battery indication
- CAT III 300V & Alarm function



CAT III 300V

Specifications	Range	UT276A+
Earth ground resistance (Ω)	0.01~0.099Ω	±(1%+0.01)
	0.1~0.99Ω	±(1%+0.01)
	1~49.9Ω	±(1%+0.1)
	50~99.5Ω	±(1.5%+0.5)
	100~199Ω	±(2%+1)
	200~399Ω	±(5%+5)
	400~590Ω	±(10%+10)
Screen		4 digits LCD
Jaw opening		32mm
Visual and audible alarm		√
Auto power off		√
Jamming signal recognition		√
Over-range display		√
Data storage		300
Display type		47 x 28.5mm
Overvoltage category	CAT III 300V	

Characteristics	
Standard accessories	Batteries, test ring, English manual
Product size	285 x 85 x 56mm
Product net weight	1.18kg
Standard quantity per carton	1pcs
Standard carton measurement	370 x 110 x 300mm
Standard carton gross weight	2.6kg





UNI-T

UT278A+

Earth Clamp Meter

UT278A+ can quickly and safely measure the grounding system without disconnecting circuit ground lines or the need for [auxiliary electrodes]. The clamps' double insulation design makes them durable tools for outdoor work and effective at blocking interference from the environment.

Product Highlights:

- Large Jaw size: up to 32mm
- Earth resistance measurement
- Current measurement
- APO & Low battery indication
- Alarm function



CAT III 300V





Specifications	Range	UT278A+
Earth ground resistance (Ω)	0.01~0.099Ω	±(1%+0.01)
	0.1~0.99Ω	±(1%+0.01)
	1~49.9Ω	±(1%+0.1)
	50~99.5Ω	±(1.5%+0.5)
	100~199Ω	±(2%+1)
	200~399Ω	±(5%+5)
	400~590Ω	±(10%+10)
	600~800Ω	±(20%+20)
	800~1200Ω	±(25%+30)
Current (A)	0mA~9mA	±(2.5%+1mA)
	10mA~99mA	±(2.5%+5mA)
	100mA~299mA	±(2.5%+10mA)
	0.3A~2.99A	±(2.5%+0.1A)
	3A~9.9A	±(2.5%+0.3A)
	10A~20A	±(2.5%+0.5A)
Leakage current measurement		√
Screen		4 digits LCD
Jaw opening		32mm
Visual and audible alarm		√
Auto power off		√
Jamming signal recognition		√
Over-range display		√
Data storage		300
Display type		47 x 28.5mm
Overvoltage category	CAT III 300V	

Characteristics	
Standard accessories	Batteries, test ring, English manual
Product size	285 x 85 x 56mm
Product net weight	1.18kg
Standard quantity per carton	1pcs
Standard carton measurement	370 x 110 x 300mm
Standard carton gross weight	2.6kg

UT278C/D

Ground Pile Earth Clamp Meters

The UT278C/D Earth Clamp Meter is designed for testing grounding resistance. It features a variety of functions including clamp-on measurement, both 3/4-wire grounding measurement, voltage and current measurement, data storage and viewing, alarms, auto power-off, and more.

Product Highlights:

- Clamp-style grounding measurement
- 3/4-wire grounding measurement
- Grounding voltage measurement
- 2.4 INCH color LCD
- Data storage: 500 sets

Functions	Range (UT278C)	Range (UT278D)
Ground resistance	0.00Ω-1800Ω	0.00Ω-2000Ω
Current (AC)	0.000A-50A	0.000A-60A
Current resolution	1uA	1uA
3 or 4-wire method resistance	0.00Ω-30KΩ	0.00Ω-30KΩ
Soil resistivity	0.00Ω-9999KΩ	0.00Ω-9999KΩ
Ground voltage	600V	600V
Power supply	1, DC 3.7V lithium battery; 2, Real-time display of battery power, reminding to charge in time	
Jaw size	68mm	
Screen	2.4 inch (46 x 29mm) color LCD	
Response time	1 time/sec	
USB data upload	The stored data can be uploaded, saved and printed.	
Data storage	500 set	
Backlight	√	
Alarm function	√	
Auto power off	Around 15 minutes	
Power consumption	750mA MAX	
Overload protection	√	
Weight	975g (including battery)	
Applicable overvoltage category	CAT III 300V, CAT IV 150V	

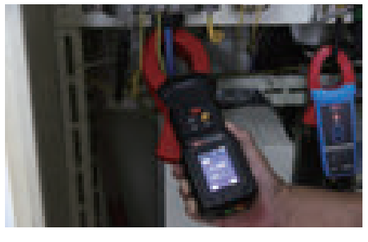


UT278C



UT278D

CAT III 300V CAT IV 150V







UT520 SERIES

Digital Earth Testers

The UT520 series offers precise 3-wire and 2-wire earth resistance measurements for power and electrical systems, lightning protection equipment, and the grounding systems of all electrical equipment. As UNI-T's entry-level earth resistance tester, it boasts high economic value and a lightweight design, making it convenient for field use.

Product Highlights:

- Double insulation protection
- 2/3-wire testing
- Portable & compact design
- LCD backlight & OL indication
- Manual range & Data hold



UT522

CAT III 600V

All the models in this page share the same mold.

Specifications	Range	UT521	UT522
Earth resistance (Ω)	0~20Ω	±(2%+10)	
	0~200Ω	±(2%+3)	
	0~2000Ω	±(2%+3)	
	0~40Ω		±(2%+20)
	0~400Ω		±(2%+3)
	0~4000Ω		±(2%+3)
AC earth voltage (V)	0~200V	±(1%+4)	
	0~400V		±(1%+6)
	Frequency: 50Hz/60Hz	√	√
Display count		2000	4000
Data storage		20	20
Overvoltage category	CAT III 600V		

Characteristics	
Standard accessories	Batteries, simple test leads with alligator clips, standard test leads with alligator clips,earth spike, elastic strap, English manual
Power	1.5V battery (LR6) x 6
Display	70.6 x 34mm
Product size	160 x 100 x 70.5mm
Product net weight	560g
Standard individual packing	Gift box, carrying bag
Standard quantity per carton	8pcs
Standard carton measurement	530 x 300 x 350mm
Standard carton gross weight	19kg







UNI-T

UT572

Advanced Earth Resistance Tester

UT572 measures earth resistance and soil resistivity, {automatically verifying} interface connections and {detecting} interference voltage and frequency. It supports 2/3/4-wire measurements for various on-site applications, including power equipment and lightning protection systems.

Product Highlights:

- 2/3/4-wire measurement
- Earth resistance & Soil resistivity test
- Compensating resistance RK test
- Backlight & Low battery indication
- Data hold & APO



UT572

CAT III 600V





Specifications	Range	Accuracy
Earth resistance (Re)	4Ω	±(3%+15)
	40Ω/400Ω/4kΩ/40kΩ	±(3%+5)
Soil resistivity (ρ)	4Ω	±(3%+15)
	40Ω/400Ω/4kΩ/40kΩ	±(3%+5)
Disturbance voltage (Ust)	50V (DC voltage/40Hz~500Hz)	±(3%+3)
Disturbance frequency (Fst)	40Hz~500Hz	±(1%+2)
Data storage	20	
Overvoltage category	CAT III 600V	

Characteristics	
Standard accessories	Batteries, simple test leads with alligator clips (double plugs x 1, single plug x 1), earth spike x 4, standard test leads with alligator clips (40m red x 1, 20m red x 1, 20m black x 1, 10m yellow x 1, 5m green x 1), elastic strap
Optional accessories	1.5V battery (LR6) x 8
Display	125 x 37mm
Product size	210 x 175 x 90 mm
Product net weight	1.1kg
Standard individual packing	Gift box, carrying bag, toolbox, English manual
Standard quantity per carton	2pcs
Standard carton measurement	475 x 378 x 335mm
Standard carton gross weight	14kg

Leakage Current Clamp Meters

Leakage current clamp meters detect unwanted current leakage safely. They offer non-intrusive, accurate readings, helping users avoid shocks, ensure device safety, and meet standards. Used in electrical maintenance and appliance testing.

UT251 SERIES

High Sensitivity Leakage Current Clamp Meters

UT251 series high-accuracy high sensitivity leakage current clamp meters are designed for testing AC leakage current. These high resolution meters are great for applications such as checking leakage current for motor, home appliances and other electrical equipment.

Product Highlights:

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



UT251A

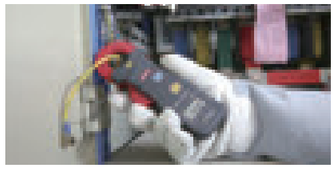
CAT III 600V

All the models in this page share the same mold.

Specifications	Range	UT251A	UT251C
Current (A)	0.001mA~60A	±(1.5%+5)	±(1.5%+5)
	60A~199.9A		±(2%+5)
	200A~300A		±(3%+5)
	300A~600A		±(4%+5)
	Voltage 0V~600V (50Hz/60Hz)	√	√
	Resolution	1uA	1mA
Leakage current test		√	√
Clamp size		25mm x 30mm	35mm x 40mm
Data storage		99	99
Overvoltage category	CAT III 600V		

Features			
Display	4 digit LCD	√	√
Auto range		√	√
Clamp size		25 x 30mm	25 x 30mm
RS-232 data transmit		√	√
Data storage		99 sets	99 sets
PEAK value		√	√
Data hold		√	√
Auto power off	Around 5 minutes	√	√
Low battery indication	≤7.2V	√	√
Over-range indication	OL	√	√
Testing method	Clamp CT	√	√

Characteristics	
Standard accessories	Battery, RS-232 interface cable, English manual
Power	9V battery (6F22)
Display	32 x 15mm
Product size	175 x 70 x 38mm
Product net weight	120g
Standard individual packing	Gift box, carrying bag, tool box
Standard quantity per carton	5pcs
Standard carton measurement	325 x 293 x 110mm
Standard carton gross weight	2.3kg





UT251C+

AC Leakage Current Meter

UT251C+ high-accuracy high sensitivity leakage current clamp meters are designed for testing AC leakage current. The high resolution meter is great for applications such as checking leakage current for motor, home appliances and other electrical equipment up to 60A.

Product Highlights:

- Large Jaw size: up to 40mm
- Current test: 60.0A & 1uA
- Dual display: A+Hz
- Strong anti-interference
- Harmonic measurement

Specifications	Range	
Manual language	EN, FR, DE, IT, ES, SV, PL, CZ	
Current	3.000mA	1uA
	30.00mA	0.01mA
	300.0mA	0.1mA
	3.000A	0.001A
	30.00A	0.01A
	60.0A	0.1A
Frequency	99.99Hz	0.01Hz
	999.9Hz	0.1Hz
	5.000KHz	0.001KHz
HARM measurement	1	0.1%
	2~6	0.1%
	7~8	0.1%
	9~10	0.1%
	11~15	0.1%
	16~20	0.1%

Features	
Display count	3000
True RMS	√
Jaw size	Measureable dia.: 40mm
Display	HTN LCD; Dual display
LPF function	√
Sample rate	2 times/s
Auto range	√
MAX/MIN	√
PEAK hold	√
Data hold	√
Bluetooth	√
Backlight	√
Flashlight	√
Low battery indication	√
Harmonic test	√
CAT rating	CAT III 600V

Characteristics	
Power supply	AAA 1.5V x 3
Product color	Black + Red
Product dimension	200 x 84 x 40mm



UT251C+

Bluetooth

CAT III 600V

True RMS

GET IT ON Google Play

Download on the App Store

Get the UNI-T Smart Measure!

- Generating testing report;
- Generating real-time charts;
- Export multiple test data: PDF/XLS/JPEG/CSV;



Micro Ohm Meters

Micro Ohm/Loop resistance testing measures low-resistance in electrical current loops. Our instruments offer high-precision readings, helping users detect poor contacts, avoid overheating, ensure circuit safety, and maintain stable power supply. Used in switchgear, circuit breaker, and power system maintenance.

UNI-T

UT623A

Hand-held 100A Loop Resistance Tester

The UT623A 100A Hand-held Micro Ohmmeter is an indispensable tool for evaluating the integrity of switches and circuit breakers within power stations. It finds extensive application across a range of settings, including substations, power generation facilities, and industrial and mining operations.



Product Highlights:

- Hand held design for on-site test
- Wide test range: 0.1μΩ~1000.0mΩ
- Stepping output current of each 10A
- Data trasmission: USB
- Open circuit & overheat protection
- 5" color LCD

Specifications			
Manual language	**EN, FR, DE, IT, ES, SV, PL, CZ**		
Resistance	100A	0.1μΩ~1999.9μΩ: 0.1μΩ	±(0.4%rdg+0.04%FS)
	50A	1.000mΩ~9.999mΩ: 0.001mΩ	
	30A	10.00mΩ~99.99mΩ: 0.01mΩ	
	10A	100.0mΩ~1000.0mΩ: 0.1mΩ	
Functions	1. To test the contact resistance of low/medium/high-voltage circuit breakers; 2. To test bus connections and other high-current connection points.		
Test method	Four-line Kelvin test;		
Test current	1. 5A~100A DC (R<2mΩ); 2. Stepping current: 5A/time;		
Test time (current output)	1S, 3S, 10S, 20S, 30S, 60S		
Test duration	1. 100A: the maximum continuous test up to 60 seconds, meeting the requirements of various field applications 2. 50A: the maximum continuous test up to 180 seconds, meeting the requirements of various field applications		
Resistance value comparison	Compare measured and set resistance values, automatically display "PASS" or "FAIL"		
Open circuit protection	√ (voltage: 2.5V DC)		
Overheating protection	√		
Output power	Measurement power ≤25W		
Data communication	USB		
Display	LCD color screen with backlight & APO		
Data storage	200 sets		
Low battery indication	√		
Working environment	-20°C~+50°C; 5% -95% R.H., no condensation		
Storage environment	-40°C~+70°C		
Safety category	IEC 60068-2-27; IEC 60068-2-6; JJG 1052-2009;		

Characteristics	
Power supply	DC 12.8V 10000mAh lithium battery
Standard accessories	4-wire test clip (red and black) 1pair; 1power adapter; 1pcs USB cable; 1pcs grounding wire
Product dimension	280 x 210 x 74mm

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

UT620A

Digital Micro Ohm Meter

The UT620A, the digital low resistance tester with 4-wire method, It's designed for on-site troubleshooting in confined spaces, including testing metal coating resistance, motor and small transformer winding resistance, welding points, power distribution cabinet buses, lead connections, and more.

Product Highlights:

- 4-wire method measurement
- Up to DC 5A output current (sourcing)
- Comparison test with high/low limit
- Electrical wire length measurement
- Built-in rechargeable lithium battery
- 1000 data storage & USB data transmit



UT620A





Specifications	Range	Accuracy
Resolution	10uΩ	
Resistance (Ω)	120mΩ/5A	±(0.25%+25)
	600mΩ/1A	±(0.25%+25)
	6Ω/100mA	±(0.25%+25)
	60Ω/10mA	±(0.25%+25)
	600Ω/1mA	±(0.25%+25)
	6kΩ/100uA	±(0.75%+30)
	Measurement range (accuracy)	0~1mΩ
Display count	60000	
Data storage	1000	

Characteristics	
Standard accessories	Test leads with Kelvin clips, power cord, power adaptor, USB interface cable, English manual
Optional accessories	Four-wire test probes (red & black) x 1
Power	Li-ion battery 7.4V 4000mAh
Display	116 x 87.5mm
Product size	268 x 168 x 60mm
Product net weight	1.5kg
Standard individual packing	Gift box, carrying bag
Standard quantity per carton	1pcs
Standard carton measurement	370 x 90 x 290mm
Standard carton gross weight	3kg

UT620C+

Micro-ohmmeter

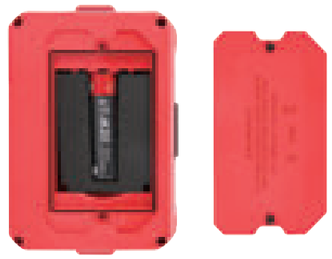
The UT620C+ micro-ohmmeter accurately measures a wide resistance range, ideal for testing large equipment like motors and stators. It is widely used in various industries including telecommunications, power systems, new energy vehicles, and petrochemicals.

Product Highlights:

- Micro-ohm measurement (1μΩ)
- Portable and compact design
- PC software analysis
- Rechargeable Lithium battery
- Large LCD
- Equipped with 4-wire test leads



IP54



Rechargeable Lithium battery



Auto range



Rated voltage		
Resistance range	100.0kΩ~300.0kΩ/3uA	100Ω
	10.00kΩ~99.99kΩ/1uA	10Ω
	1.000kΩ~9.999kΩ/10uA	1Ω
	100.0Ω~999.9Ω/100uA	0.1Ω
	10.00Ω~99.99Ω/1mA	0.01Ω
	1.000Ω~9.999Ω/10mA	0.001Ω
	100.0mΩ~999.9mΩ/100mA	0.1mΩ
	0.001mΩ~100.00mΩ/1A	0.01mΩ/0.001mΩ

Features	
Functions	Measuring the resistance of all kinds of wires, switches, connectors, contactors, fuses, coils, transformer windings, metal riveting, and so on.
Measurement methods	Four-wire method
Test current	≥1A
Open circuit voltage	≤4.2V
Input protection	≤36V AC/DC
Power consumption	measurement power: ≤8W
Measuring speed	about 2times/seconds
Automatic power off	15 minutes if no operation
Pressure resistance	AC 3700V/rms
Storage	499 set
Display type	segment LCD
USB ingerface	Type C
Backlight	√
Low battery indication	√
IP rating	IP54

Characteristics	
Power supply	DC 3.7V 2600mAh lithium battery
Product color	Black + Red
Product weight	480g (battery included)
Product dimension	161 x 117 x 68mm

UT620T

DC Resistance Tester

The UT620T DC Resistance Tester leverages microprocessor technology and applies the four-wire method for testing, ensuring safety, accuracy, and reliability. It is commonly used to measure the resistance of electrical components such as transformer windings, grounding conductors, cable wires, switch connectors, relay contacts, coils, motors, and so on.This tester is widely used in industries like telecommunications, electric power, meteorology, and data centers. It provides stable test data with high precision, fast speed, and excellent repeatability, making it the best choice for field measurements of transformer DC Resistance.



Product Highlights:

- DC resistance test: 0.1μΩ~1.0000MΩ
- Large test current (10A & 8 stepping levels)
- PC software
- 7-inch LCD color screen
- Dual power supply
- Audible discharge alarm

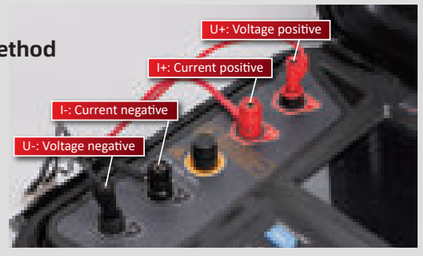
Product Self-Test Mode

The instrument can perform self-tests using an accessory standard resistor to verify measurement accuracy and ensure data reliability.



Four-wire testing method

Separating current electrodes from voltage electrodes eliminates impedance from internal wiring and contact resistance, ensuring more accurate measurements.



Power supply



220V AC power



Lithium battery

PC software

7-inch LCD color screen

Dual power supply

Audible discharge alarm



Data communication



Item	Range		Minimum resolution	Accuracy
	AC power supply	Built-in battery		
Constant-current 10A	100.0μΩ - 1.5000Ω	100.0μΩ - 200.00mΩ	0.1μΩ	Constant-current: ±0.1% rdg ± 0.1% fs
Constant-current 5A	1.5000mΩ - 4.0000Ω	1.5000mΩ - 800.00mΩ	0.0001mΩ	
Constant-current 1A	10.000mΩ - 20.000Ω	10.000mΩ - 12.000Ω	0.001mΩ	
Constant-current 400mA	50.000mΩ - 50.000Ω	50.000mΩ - 30.000Ω	0.001mΩ	
Constant-current 200mA	100.00mΩ - 100.00Ω	100.00mΩ - 60.000Ω	0.01mΩ	
Constant-current 40mA	500.00mΩ - 500.00Ω	500.00mΩ - 300.00Ω	0.01mΩ	
AUTO (current)	100.0μΩ - 1.0000MΩ	100.0μΩ- 1.0000MΩ	0.1μΩ	
Constant-voltage 12V/<5mA	1.0000Ω - 1.0000MΩ	1.0000Ω - 1.0000MΩ	0.0001Ω	Constant-voltage: ±2% rdg ± 0.5% fs
AUTO (voltage)	100.0μΩ - 1.0000MΩ	100.0μΩ- 1.0000MΩ	0.1μΩ	
Length display range	0.0001M - 999.99KM		0.0001M	±0.5%
Resistance value (1m wire)	0.100μΩ - 500.00Ω		0.100μΩ	±0.5%
DC Resistance test position	Support fixed gear and step adjustment			
Environment temperature test	Yes, (accuracy +/-2°C)			
Data storage	1, 9999 sets; 2, Automatically, cyclically, and manually save			
Discharge alert	√			
Printer	Built-in thermal printer			
Test method	Four-wire method			
Display screen	7-inch LCD color screen			
Power supply	1, Lithium battery 14.8V 5000mAh; 2, AC 110-240V/50Hz			
Rated current	40mA-10A			
High voltage warning	When a reverse voltage is detected, a hazard warning symbol flashes to warn			
Automatic discharge	√			
Backlight function	Adjustable backlight brightness (1-5 brightness levels in total)			
Communication function	Data can be transferred by USB flash disk, etc.			
Battery level display	√			
Low battery and position selection	√			
Auto power off	Around 10 minutes			

Characteristics	
Meter dimension	Approx. 386mm (L) x 318mm (W) x 159mm (H)
Meter weight	7.1kg (Without accessories)
Accessories	1, Tester: 1pc 2, User manual: 1pc 3, Specialized Test leads (Red and black test leads: 1 pair; Black grounding wire: 1pc) : 3pcs 4, Standard resistor: 1pc 5, Dedicated lithium battery charger: 1pc 6, Power cord: National-standard three-pin plug: 1pc; National-standard two-pin flat plug: 1pc 7, Temperature and environment measurement cable (with NTC): 1pc 8, USB cable: 1pc 9, Carrying bag: 1pc 10, Fuse: 2pcs for 30A/250V; 2pcs for 5A/250V 11, Thermal papers: 2 rolls
SPQ	1pcs
Standard package dimension	460 x 385 x 385mm
Standard carton weight	11.5kg

UT625A/B

100A/200A Low Resistance Ohm Meter

The UT625A/UT625B is a low resistance tester for measuring switchgear contact and loop resistance using 100A/200A DC current.

It's used for testing high-voltage switches, transformers, busbars, and new energy equipment in power, rail, and energy sectors.

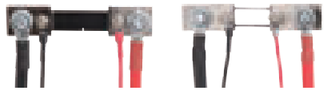
Product Highlights:

- High resolution test (0.1μΩ)
- Large test current (above 100A & stepping current)
- PC software (data recording & analysis)
- 7-inch LCD color screen
- Timing test (1s adjustable)
- Audible discharge alarm





Product Self-Test Mode



UT625A: 750μΩ

UT625B: 375μΩ

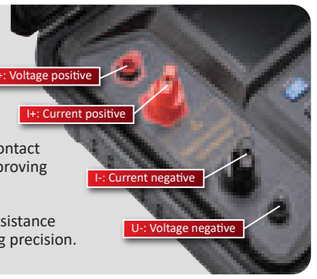


The instrument can perform self-tests using an accessory standard resistor to verify measurement accuracy and ensure data reliability.

Four-wire (kelvin) testing method

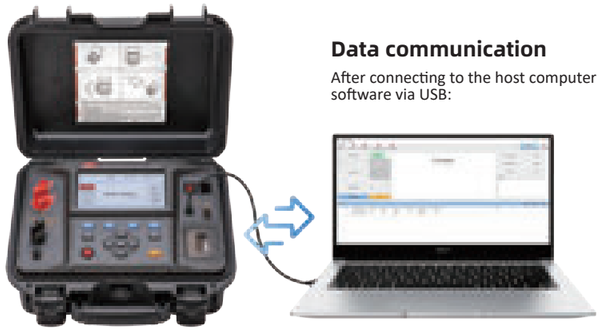
The four-wire (Kelvin) method separates the current and voltage electrodes, eliminating the internal impedance of the instrument and the contact resistance of test leads, thereby significantly improving measurement accuracy.

This technique is particularly effective for low-resistance measurements, minimizing errors and enhancing precision.





Buit-in printer



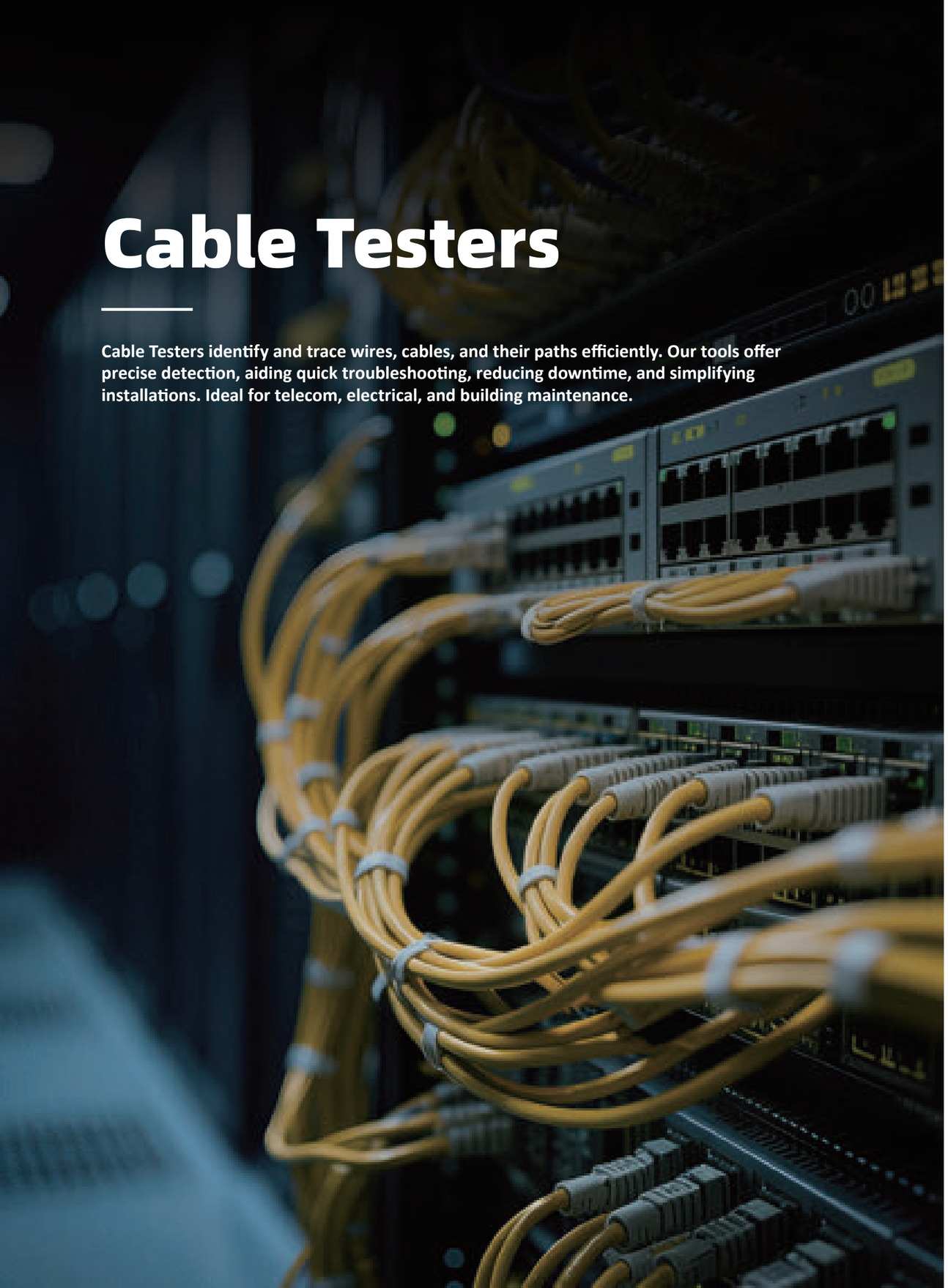
Data communication

After connecting to the host computer software via USB:



Current (customizable)	UT625A		UT625B	
	Range/Resolution	Accuracy	Range/Resolution	Accuracy
200A		±(0.4%rdg+0.04%FS)	0.1uΩ~1999.9uΩ: 0.1uΩ	±(0.4%rdg+0.04%FS)
100A	0.1uΩ~1999.9uΩ: 0.1uΩ			
100A	2.000mΩ~9.999mΩ: 0.001mΩ		2.000mΩ~9.999mΩ: 0.001mΩ	
50A	10.00mΩ~99.99mΩ: 0.01mΩ		10.00mΩ~99.99mΩ: 0.01mΩ	
5A	100.0mΩ~499.9mΩ: 0.1mΩ	±(0.4%rdg+0.6%FS)	100.0mΩ~499.9mΩ: 0.1mΩ	±(0.4%rdg+0.6%FS)
	500mΩ~1000mΩ: 1mΩ		500mΩ~2000mΩ: 1mΩ	
Functions	1, To test the contact resistance of low/medium/high-voltage circuit breakers; 2, To test bus connections and other high-current connection points.			
Resistance measurement	0.1uΩ~1000mΩ: 0.1uΩ		0.1uΩ~2000mΩ: 0.1uΩ	
Test method	1. Four-wire Kelvin test; 2. Separation of current and voltage electrodes eliminates internal wiring impedance and contact resistance for more accurate measurements; 3. Minimizes measurement errors to achieve high-precision results when measuring low-resistance components.			
Noise suppression	At 100 mV differential pressure, the noise frequency of the test lead is 50-60 Hz.			
Stepping test current	1. 5A~ 100A DC ; 2. Stepping current: 5A/10A		1. 5A~ 200A DC ; 2. Stepping current: 5A/10A	
Test time	10S, 20S, 30S, 60S, stepping time: 1s.			
Test duration	The maximum continuous testing time for a single run is 60 seconds.			
Resistance value comparison	1, Pre-set value: 0.000~9999.9mΩ; 2, Compare measured and set resistance values, automatically display "PASS" or "FAIL"			
Over range indication	1, Low Limit Alert: When the loop resistance measurement is low limit, the measurement interface will display “LO”; 2, Over-limit indication: when the loop resistance measurement exceeds the limit, the measurement interface will display “OL”;			
Self-inspection	1, Yes, Self-calibration via standard accessory "shunt" to verify measurement accuracy and ensure reliable data. 2, UT625A: 750μΩ; UT625B: 375μΩ			
Open circuit voltage	UT625A (voltage: 5V DC) UT625B (voltage: 10V DC)			
Overheating protection	√			
Output power	Measurement power ≤ 250W			
Display	7 inch color LCD			
Printer	Built-in thermal printer			
Input power supply	AC198V~242V (50/60Hz)			
Data Communication	Supports PC connection (via USB cable). 1, Real-time analysis; 2, Historical data review; 3, Excel report generation.			
Data storage	200 sets; auto/manual save, Circular save			
Backlight	5 levels adjustable backlight			
Low battery indication	√			
Working environment	-20°C~+50°C ; <85% R.H., no condensation			
Storage environment	-30°C~+60°C ; <85% R.H., no condensation			

Characteristics	
Standard accessories	1, 4-wire test clip (red and black) 1 pair; 2, Ground cable 1pcs; 3, Shunt 1pcs; 4, USB cable 1pcs; 5, power adapter(AC) 1pcs; 6, Thermal printer paper 1 roll; 7, Cloth bag 1pcs; 8, Quick start guide 1pcs;
Product dimension	357 x 293 x 193mm
Product net weight	UT625A: 6.4Kg; UT625B: 7.5Kg
Standard package dimension	460 x 410 x 385mm
Standard package weight	UT625A: 10.68Kg; UT625B: 12.7Kg



Cable Testers

Cable Testers identify and trace wires, cables, and their paths efficiently. Our tools offer precise detection, aiding quick troubleshooting, reducing downtime, and simplifying installations. Ideal for telecom, electrical, and building maintenance.

UNI-T

UT25CL
Cable Locator

The UT25CL features advanced sensors for effortlessly tracing vital elements like hidden wires or conductors. It ensures precise and efficient locating, saving time, preventing damage, and guaranteeing smooth installations or repairs. Whether for residential or commercial projects, it's the go-to tool for electricians, contractors, and DIY enthusiasts.

Product Highlights:

- Energized wire detection
- Fuses and relative circuit detection
- Sensitivity adjustable
- Multi-transmitters compatible (up to 8pcs)
- Audible & Visible indications
- Metallic heating pipe detection

Specifications	Range
Manual language	**EN, FR, DE, IT, ES, SV, PL, CZ**
Function	1. Locate the hidden electrical conductor within the wall. 2. Identify any interruptions or short-circuits occurring in the conductors. 3. Trace the path of the conductor within the soil. 4. Detect the presence of fuses and their corresponding electrical circuits. 5. Identify any open-circuits or short-circuits in the in-floor heating system. 6. Trace the route of metallic water pipes and heating piping.
Transmitter	
Output signal	33KHZ
Voltage range	AC/DC 8~480V / 50/60Hz/ 2.5% ±3deg
Screen	Segment code LCD (TN; Translucent)
Receiver	
Receive frequency	33KHz
Tracing depth	Around 0~2m (single-pole application; single-circuit: 2.5m)
	Around 0~0.5m (double-pole application)
NCV	80V ~ 1000V, 50Hz/60Hz
Voltage detection depth	Around 0~0.4 meters
Multi-Transmitors compatible	Up to 8pcs
Screen	Segment code LCD (TN; Translucent)
Ohters	
Working environment	0~40°C, max 80% rel. humidity (not condensing)
Storage encironment	-20~60°C, max 80% rel. humidity (not condens.)
Height above MSL	Max.2000m
Over voltage category	CAT III 600V
Pollution rating	2
IP rating	IP54

Characteristics	
Power supply	Transmitter: 6 x 1.5V AA; Receiver: 6 x 1.5V, AAA
Product color	Red + Grey
Product dimension	Transmitter: 190 x 90 x 38mm; Receiver: 250 x 66 x 38mm
Accessories	UT25CL-T transmitter 1pcs; UT25CL-R receiver 1pcs; Dual in-line test leads (red + black) 1 pair; Alligator clips (red + black) 1 set; Lantern-tip test probe (red + black) 1pcs; AC polarized plug wire 1pcs; User manual 1pcs; 1.5V AA alkaline battery 6pcs; 1.5V AAA alkaline battery 6pcs;



UT25CL-T



UT25CL-R



UT685 SERIES

NEW

TDR Cable Testers

The UT685 series TDR Cable Testers are versatile tools for locating faults and performing quick wire-map/crimp tests on CAT5/CAT6, UTP, FTP, and SSTP cables, with POE detection. Designed for server room deployment, network troubleshooting, and structured cabling, they meet the efficiency needs of telecom technicians, IT administrators, and system integrators.

Product Highlights:

- Multi-functions all in one
- Multiple cable types supported
- Wire mapping
- Crimping test
- POE testing
- Input protection



UT685A KIT



UT685B KIT





Specifications		UT685A KIT	UT685B KIT
Applicable cables		Twisted Pair: 1, Cable Category: CAT5, CAT6 2, Shielding Type: UTP, FTP, SSTP	Twisted Pair: 1, Cable Category: CAT5, CAT6 2, Shielding Type: UTP, FTP, SSTP Coaxial Cable: 1, Characteristic Impedance: 50Ω, 75Ω, 93Ω
Wire mapping	Live wire testing	1, Polarity detection; 2, Warns of hazardous voltage (>10V)	1, Polarity detection; 2, Warns of hazardous voltage (>10V)
	1-to-1 wire mapping	1, Crimping/mapping interface; 2, Receiver RJ45	1, Mapping interface; 2, Receiver RJ45
Crimping test	Test type	8-core	N/A
	Response time	≤1s	
	Minimum detectable length	10cm	
Length testing	Open-circuit wire length	2.5~300m: 1m	500m: 0.3m
	Resolution	≤20m: ±1.6m	±4% or 0.6m (2 ft), whichever is greater
		20~100m: ±2.4m	NVP uncertainty adds extra error
		>100m: ±3.2m	
	Short-Circuit position detection	Identifies fault distance	Identifies fault distance
POE testing	Working voltage range	DC5~60V	DC5~60V
	Standards supported	802.3AF, 802.3AT, 802.3BT	802.3AF, 802.3AT, 802.3BT
POE testing	Indication method	via LCD	via LCD
	Full/Half-Duplex detection	Yes	No
	Auto/Negotiation support	Yes	Yes
	Switch types	10M/100M/1000M	10M/100M/1000M
	Port detection	Checks Ethernet port connection status	Checks Ethernet port connection status
Wire tracing	Measurable wire length (max)	RJ11 3000m	RJ11 3000m
		RJ45 1000m	RJ45 1000m
	Working frequency	125kHz digitally modulated signal (high accuracy)	125kHz digitally modulated signal (high accuracy)
	Tone variations	2 types	2 types
	Tracing mode	Anti-interference	Anti-interference
Display	2.8-inch LCD digital screen		
Input protection	70VDC		
Power supply	1.5V AA batteries ×3; Low battery warning;		
Auto shutdown	Normal mode: 10min; Cable location mode: 60min		
Drop test	1m		
Operating environment	0~45°C; 20~75% RH (N.C)		
Storage environment	-20~60°C; 10~90% RH (N.C)		

UT681 SERIES

Cable Testers

The UT681 series testers are advanced cable meters for Ethernet (RJ45), telephone (RJ11), BNC, and HDMI cables. They swiftly identify faults like shorts and open circuits, ensuring precise wire status checks. Ideal for communications and electronics setup and maintenance.

Product Highlights:

- Visible LED indication: individual channel
- Auto test: open circuit/short circuit/cable crossing
- Single button design
- Auto/Manual power off
- Low battery indication
- Powered by 9V battery



UT681L



UT681C



UT681HDMI

Specifications	Description	UT681L	UT681C	UT681HDMI
Functional: To test short circuit, crossover, open circuit.		√	√	√
Cable types: RJ45/RJ11		√		
Cable types: RJ45/RJ11/BNC	Need to use RJ45 to BNC adaptor		√	
Cable types: HDMI/MINI-HDMI				√
Fast test mode	LED1~LED8, LED_G	√	√	
Slow test mode	LED1~LED8, LED_G	√	√	
Scan test mode	LED1~LED19, LED_S			√
Full display test mode	LED1~LED19, LED_S			√
Ethernet cable: shielded/unshielded test		√	√	√
Manual shutdown function		√	√	√
Auto shutdown function	No operation within 10 minutes	√	√	√
Single key operation		√	√	√
Power supply: 9V battery		√	√	√
Low battery detection	Less than 7.2V	√	√	√
Safety standard	EN61326-1: 2013; EN61326-2-2: 2013	√	√	√

Characteristics	
Standard accessories	9V battery, BNC to RJ45 adaptor (UT681C), English manual
Product size	Transmitter: 102 x 62 x 28mm; receiver: 102 x 37 x 28mm
Product net weight	Transmitter: 87g; receiver: 51g
Standard individual packing	Gift box
Standard quantity per carton	40pcs
Standard carton measurement	455 x 410 x 225mm
Standard carton gross weight	UT681L: 6.4kg; UT681C: 8.7kg; UT681HDMI: 9.5kg

UT682 SERIES

Wire Tracker/Tone and Probe

UT682 wire tracker, comprising a transmitter and a receiver, can track Ethernet/telephone cables without the need to break their insulation. It is adept at troubleshooting Ethernet cables and is a recommended tool for debugging communication cables and audio/video/electrical cables.

Product Highlights:

- Visible LED indication
- Multiple scenarios: cable test/scaning
- Polarity indication for telelphone lines
- Telephone line distance traking: ≥3000m
- Adjustable audio volume

Specifications	UT682	UT682D
Open and short circuit test	√	
Broken wire tracking	√	
Line sequence measurement	9 LEDs	
LAN cable/telephone line/coaxial cable/electric wire	√	
Telephone line/twisted-pair/electric wire		√
Indication light for signal strength	√	
Live switchboard wire tracing	√	
Switchboard wire tracing distance	≥100m	
Telephone lines tracking distance	≥3000m	≥3000m
Cables tracking distance	≥320m	
Polarity indication for telelphone lines	√	√
Transmitter low battery indication	√	√
Headphone jack for receiver	√	
Line sequence measuring speed	Fast and slow selectable	
LAN cable: shielded/unshielded indication	√	

Characteristics	
Standard accessories	9V battery x 2, RJ11 cable (UT682), RJ45 cable (UT682), RJ11 cable with alligator clips (UT682), English manual
Product size	UT682: Transmitter-125 x 48 x 28mm, receiver-195 x 48 x 30mm UT682D: Transmitter-74 x 68 x 28mm, receiver-208 x 47 x 33mm
Product net weight	UT682: Transmitter-125g, receiver-153g; UT682D: Transmitter-150g, Receiver-130g
Standard individual packing	Gift box, carrying bag (UT682)
Standard quantity per carton	20pcs
Standard carton measurement	425mm x 335mm x 290mm
Standard carton gross weight	8.4kg



UT682 Wire Tracker



UT682D Tone and Probe



UT683KIT

Wire Tracker

The UT683KIT, an intelligent wire tracker which is designed with strong anti-interference ability. It can quickly and accurately locate the target cable. This kit can automatically identify open, short, polarity, and quickly distinguish cable failure.

Product Highlights:

- Multi-functions all in one
- Wire detect: RJ11>3000m; RJ45>100m
- Strong anti-interference
- Adjustable buzzer volume
- Open/Short/Polarity test
- NCV funtion

Specifications	Description
Functional	1, To test the open/short circuit of the cable; 2, To locate the cable.
Transmitter	
Port flashing	√
Wire tracking	√
Line alignment	√
Open-short test	10kΩ
Polarity test	√
Operating time	>8 hours
Receiver	
Wire tracking	RJ11>3000m; RJ45>100m
NCV function	√
Headset jack	3.5mm
Low battery indication	√
Operating time	>5 hours

Characteristics	
Standard accessories	USB cable, RJ11 alligator clip test cable, RJ45 test cable, RJ11 test cable, English manual
Power	1050mAh rechargeable lithium battery
Product size	Transmitter-130 x 51 x 28mm; Receiver-197 x 48 x 34mm
Product net weight	Transmitter: around 95g; Receiver: around 127g
Standard individual packing	Gift box, carrying bag
Standard quantity per carton	20pcs
Standard carton measurement	480 x 370 x 325mm
Standard carton gross weight	About 10kg



UT683KIT





UT691 SERIES

Visual Fault Locators

UT691 Visual Fault Locator is designed for the detection and location of optical fiber faults, as well as end-to-end optical fiber identification and more. It can be extensively applied in the fields of optical cable construction and maintenance, optical fiber communication or sensing, and optical CATV.

Product Highlights:

- Long Optical fiber detection range
- Long working time: up to 10h
- Auto power off

Specifications	UT691-01	UT691-10
Total output power	<1mW	<15mW
Optical fiber length range	1~3km	8~10km
Battery life	>10h	>7h
Wavelength of redight	630~670nm	
Optical fiber adapter	2.5mm universal connector	
Battery type	3.7V 1050mAh polymer lithium battery	
Battery status display	The battery status will be shown by 4 blue LED (not in flashlight)	
Green indicator	Indicates auto power off state which LED will flash white light for 3 times	
Laser mode	Continuous mode/Pulse mode	
Charge voltage and current	DC 5V, <1A	
APO	15min auto power off (can be canceled)	
Warning symbol	√	
Warning	√	
Key press test	>5000 times	
Drop test	1m	

Characteristics	
Power	1050mAh rechargeable battery
Product size	130 x 38 x 27mm
Product net weight	62g
Standard individual packing	Gift box, English manual
Standard quantity per carton	20pcs
Standard carton measurement	285 x 245 x 155mm
Standard carton gross weight	About 2.8kg



UT691-01
(UT691-01/UT691-10 share the same mold)

IP54 1m drop





UT658 SERIES

USB Testers

UT658 series USB testers are used to verrify USB chargers and portable power sources of electronic products. It can detect voltage, current, and power. Users can use this device to monitor the charging status of any USB-powered device.

Product Highlights:

- Portable & Compact design
- Multiple display: A+V+T (Except UT658B)
- Easy to operate
- Type C & USB2.0/3.0/4.0 (UT658DUAL)
- Fast charge protocol: QC 3.0



UT658B

Specifications	Range	UT658B	UT658DUAL	UT658LOAD
Input & Output ports (Type A)		√	√	√
Input & Output ports (Type C)			√	
Data/charging protocol		2.0	2.0/(3.0/4.0)	2.0/3.0
Voltage range	4~24VDC, resolution: 0.01V	3V~9V; Resolution:0.01V	√	√
Current range (Type-A)	0.05~3ADC, resolution: 0.01A	0A~3.5A; Resolution: 0.01A	√	√
Current range (Type-C)	0.05~5ADC, resolution: 0.01A		√	
Capacity	0~99999mAh, resolution: 1mAh	√ (0~39999mAH)	√	√
Energy	0~1000Wh		√	√
Circuit equivalent resistance measurement	1~480Ω		√	√
USB data cable voltage (D+, D-)	0~3.3V		√	√
Data storage	10 sets	√	√	√
Electrical load (UT658LOAD only)	0.5A, 1A, 2A, 3A (Max power: 60W)			√
Maximum recording time	99h, 59min, 59sec; resolution: 1s		√	√
Fast charge protocol (Type-A)	QC 3.0 fast charge protocol		√	√
Fast charge protocol (Type-C)	QC 4.0 fast charge protocol		√	

Characteristics	
Product size	UT658DUAL: 93 x 55 x 13mm; UT658LOAD: 122 x 53 x 27mm
Product net weight	UT658B: 30g; UT658DUAL: 65.8g; UT658LOAD: 114.4g;
Standard individual packing	UT658B: Gift box; UT658DUAL/UT658LOAD: Gift box, English manual
Standard quantity per carton	60pcs
Standard carton measurement	UT658B: 205 x 170 x 170mm; UT658DUAL: 280 x 220 x 225mm; UT658LOAD: 320 x 300 x 225mm
Standard carton gross weight	UT658B: 2.3kg; UT658DUAL: 5.5kg; UT658LOAD: 9kg;



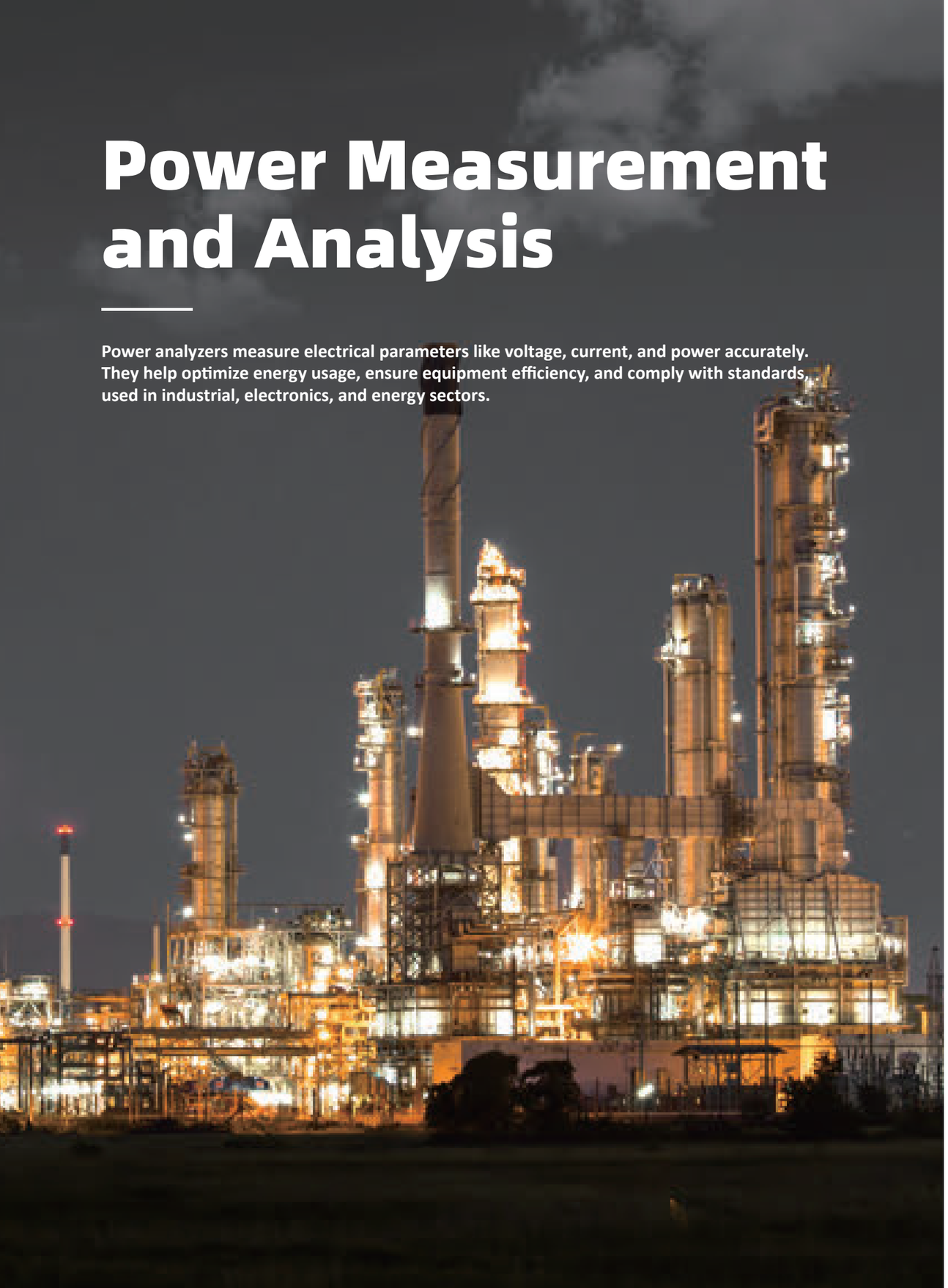
Tester with electronic load
(UT658LOAD)



UT658DUAL



UT658LOAD



Power Measurement and Analysis

Power analyzers measure electrical parameters like voltage, current, and power accurately. They help optimize energy usage, ensure equipment efficiency, and comply with standards, used in industrial, electronics, and energy sectors.

UNI-T

UT219P

AC Digital Power Clamp Meter

UT219P is an intelligent, handheld, and stable power and harmonics clamp meter. It is widely used for [measuring] voltage, power, harmonics, and conducting power quality analysis in electrical equipment and distribution cabinets within power systems, transportation systems, communications, and industrial control systems.

Product Highlights:

- Large Jaw size: up to 75mm
- High precision with 9999 display count
- Multi-functions all in one
- Connecting method indication (Power)

Specifications	Range	Accuracy
Manual language	**EN, FR, DE, IT, ES, SV, PL, CZ**	
AC current (A)	1000A	±(1.5%+3)
AC voltage (V)	1000V	±(0.7%+3)
Power (single phase)	1000KW	±(1.7%+5)
Power (3-phase & 3-wires)	1732KW	
Power (3-phase & 4-wires)	3000KW	
Power frequency (Hz)	15Hz~1000Hz	±(0.3%+3)
Phase angle (-180°~179.9°)	15Hz~40Hz	±3°
	40Hz~70Hz	±5°
	70Hz~1000Hz	±5°
Power factor	-1~1	based on the Accuracy of the Phase angle

Features	
Jaw opening	75mm
Phase detection	√(80V~1000V)
	Positive and Negative
PEAK measurement	√
Harmonic measurement	32 times
Display mode	LCD screen
	4 kinds of results at the same time
Display count	9999
Bluetooth	√
True RMS	√
Data hold	√
Max/Min	√
Overvoltage category	CAT III 1000V/CAT IV 600V

It also features Overload indication, High voltage indication, High voltage overload warning, Low battery indication, Auto power off.

Characteristic	
Power	1.5V (AAA) x 3
Product color	Red + Grey
Product weight	Around 630g
Product dimension	295 x 118 x 50mm
Standard accessories	Test lead, battery, alligator, test probe, tool box, User manual
SPQ	4 pcs
Standard package dimension	550 x 370 x 300mm



UT219P

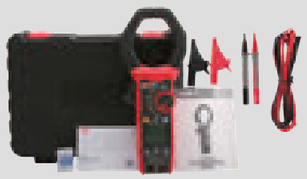
CAT III 1000V | CAT IV 600V

True RMS | Bluetooth

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Get the UNI-T Smart Measure!

- Generating testing report;
- Generating real-time charts;
- Export multiple test data: PDF/XLS/JPEG/CSV;



UT285C

Three Phase Power Quality Analyzer

A Power Quality Analyzer, also known as an Intelligent Three-Phase Power Quality Analyzer, features functions such as a harmonic analyzer, a phase volt-ampere meter, and an electric parameter tester. It is applicable across various sectors including the electricity industry, petrochemical, metallurgy, railway, mining enterprises, scientific research institutions, and metrological departments.



Product Highlights:

- Real-time waveform display
- Dual display: V+A
- 50th harmonic measurement
- Power factor measurement
- Unbalanced three phases test
- PC software for data analysis



PC software | CAT III 300V





Clamp sensor	008B current clamp: 10mA~10.0A; (Optional, 4pcs) 040B current clamp: 0.10A~100A; (Optional, 4pcs) 068B current clamp: 1.0A~1000A; (Standard, 4pcs) 300F flexible current sensor (with Integrator): 10A~6000A (Optional, 4pcs)

Specifications	UT285C	
True RMS phase-to-neutral voltage	1.0V~1000V	±(0.5%+5dgt)
True RMS phase-to phase voltage	1.0V~2000V	±(0.5%+5dgt)
DC voltage	1.0V~1000V	±(1.0%+5dgt)
True RMS current	10mA~1000A	±(0.5%+5dgt)
Peak of phase-to-neutral voltage	1.0V~1414V	±(1.0%+5dgt)
Peak of phase-to-phase voltage	1.0V~2828V	±(1.0%+5dgt)
Current peak	10mA~1414A	±(1.0%+5dgt)
Active power	0.000W~9999.9kW	±(1%+3dgt), Cosϕ≥0.8
		±(1.5%+10dgt), 0.2≤Cosϕ<0.8
Reactive power, inductive or capacitive	0.000RVA~9999.9kVAR	±(1%+3dgt), Sinϕ≥0.5
		±(1.5%+10dgt),0.2≤Sinϕ<0.5
Apparent power	0.000VA~9999.9kVA	±(1%+3dgt)
Power factor	-1.000~1.000	±(1.5%+3dgt), Cosϕ≥0.5
		±(1.5%+10dgt), 0.2≤Cosϕ<0.5
Active energy	0.000Wh~9999.9MWh	±(1%+3dgt), Cosϕ≥0.8
		±(1.5%+10dgt), 0.2≤Cosϕ<0.8
Reactive energy, inductive or capacitive	0.000VARh~9999.9MVARh	±(1%+3dgt), Sinϕ≥0.5
		±(1.5%+10dgt), 0.2≤Sinϕ<0.5
Apparent energy	0.000VAh~9999.9MVAh	±(1%+3dgt)
Phase angle	-179°~180°	±(2°)
Tanϕ (VA>50VA)	-32.76~32.76	ϕ:±(1°)
Phase shift of power factor (DPF)	-1.000~1.000	ϕ:±(1°)
Harmonic ratio (order 1 to 50) (Vrms>50V)	0.0%~99.9%	±(1%+5dgt)
Harmonic angle (Vrms>50V)	-179°~180°	±(3°) harmonics of order 1 to 25
		±(10°) harmonics of order 26 to 50
Total harmonic ratio	0.0%~99.9%	±(1%+5dgt)
Distortion factor (DF or THD-R)<50	0.0%~99.9%	±(1%+10dgt)
Transformer K factor	1.00~99.99	±(5%)
3 phases unbalance	0.0%~100%	±(1%)
Number of channels	4U/4I	
Parameters of electricity	W, VA, Var, PF, DPF, cosϕ, tanϕ	
Energy parameters	Wh, Varh, Vah	
Harmonic	50	
Total harmonic distortion	Order 0~50, each phase	
Expert mode	√	
Number of Transient records	150 sets	
Min/Max	√	
Alarm	40 different types of parameter selections, 12,800 sets alarm logs	
USB interface/PC software	√	
Power	9.6V rechargeable lithium-ion battery	
Product color	Red and grey	
Product net weight	Instrument: 1.6kg, current clamp: 510g x 4	
Product size	240 x 170 x 68 mm	
Standard accessories	1pc carry cloth bag, (yellow, green, red, blue, black total 5pcs test lead), 4pcs alligator clip, 1pc power adapter, 1pc CD software, 4pcs 1000A current clamp	
Standard individual packing	Inner carton	
Standard quantity per carton	1pc	
Standard carton measurement	440 x 320 x 330mm	
Standard carton gross weight	6.4kg	

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.



UNI-T

UT731

Milliamp Process Clamp Meter

NEW

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

IP40

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

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	±(1.0%+2)	1000V; 1V	±(1.0%+2)
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	±(1.2%+3)	1000V; 1V	
ACV/DCV Auto identification			50Hz~500Hz	±(1.2%+3)
AC Current (Frequency response: 45Hz~500Hz)			100mA; 1mA	±(2.0%+5)
			1000mA; 1mA	±(2.5%+5)
	9.99A; 0.01A	±(2.0%+5)	10.00A; 0.01A	
	99.9A; 0.1A		100.0A; 0.1A	
	999A; 1A	±(2.5%+5)	1.00kA; 0.01kA	±(3.0%+5)
	9.99kA; 0.01kA	±(3.0%+5)	10.00kA; 0.01kA	
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	±(2.0%+5)
	60.00kΩ; 0.01kΩ		60.00kΩ; 0.01kΩ	
	600.0kΩ; 0.1kΩ		600.0kΩ; 0.1kΩ	
	6.000MΩ; 0.001MΩ	±(2.0%+5)	6.000MΩ; 0.001MΩ	±(2.5%+5)
	60.00MΩ; 0.01MΩ	±(2.5%+5)	60.00MΩ; 0.01MΩ	±(3%+5)
Active power			3600kW	±(3.5%+5)
Apparent power			3600 kVA	±(3.5%+5)
Reactive power			3600kVAR	±(3.5%+5)
Electrical energy			0.0Wh~3600kWh; 0.01	±(3.5%+5)
Power factor			-1~1; 0.001	50Hz/60Hz
Phase angle			-360°~360°; 0.1	50Hz/60Hz; ±2°
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			



UT281E+



UT281F

CAT III 1000V | CAT IV 600V

True RMS | Bluetooth (UT281F only)



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
Overvoltage 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 ϕ68mm)
- Retractable insulation rod (up to 3.6m)
- Data storage



Fork design | wireless transmit



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); ±2%±5dgt
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	√
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, Φ45mm, 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: ϕ68mm
Product weight	Detector: 235g (including battery); Receiver: 280g (including battery); Total weight: 2300g (including hot stick and battery)
Working environment	-10°C~40°C; ≤80%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

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



Data storage | Hook type CT



Specifications

AC current (Auto range)	0~99.9A; 10mA; ±2%±5dgt
	100A~6000A; 10mA; ±3%±5dgt
	6.00kA~20.0kA; 10mA; ±4%±5dgt
Frequency	45Hz~75Hz; 0.1Hz; ±1Hz (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. Φ168mm Measurable busbar: Φ168 x 245mm
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

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 toos 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
Overvoltage 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
Overvoltage category	CAT III 1000V, CAT IV 600V

Non-contact

CAT III 1000V

CAT IV 600V



Phase detection/sequence and LED status								
Test status	LED indication status							Buzzer
	Power on indication	R/A	S/B	T/C	Positive phase R	Reverse phase L	LED status	Slow buzz: 2Hz Fast buzz: 12Hz
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.

Product Highlights:

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



UT526

CAT III 600V



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.

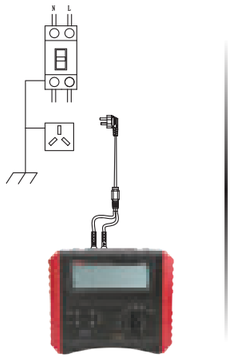


IP54 CAT III 300V

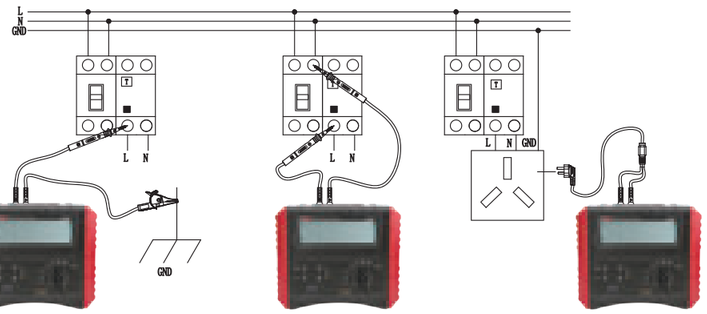
Product Highlights:

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

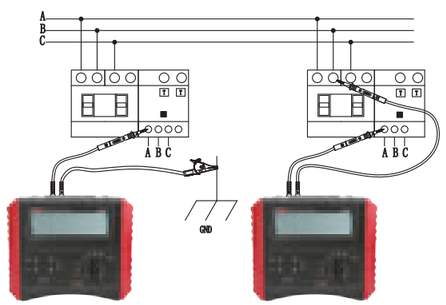
RCD tester connection methods



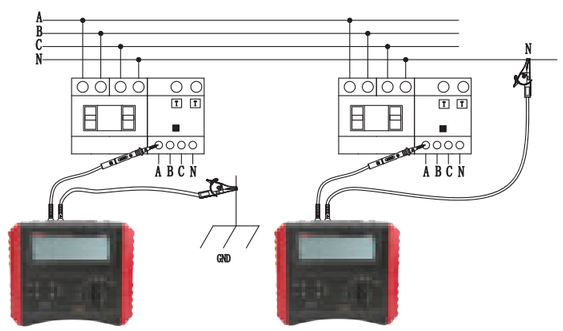
single phase socket RCD test



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 test	Voltage range	30~480V (Resolution: 1V)		45~65Hz	±3%rdg±3dgt
	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 4800v: >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 powwer 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

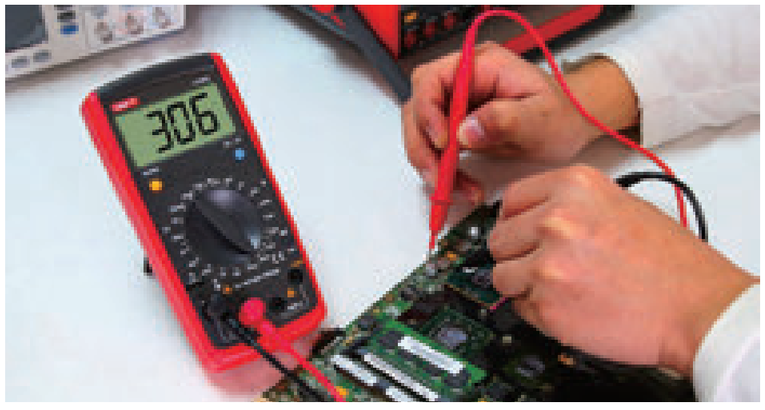
The UT600 series of digital inductance and capacitance meters are designed to test resistors, capacitors, and inductors, as well as to measure transistor parameters. These versatile meters are suitable for inspecting electronic components in various settings, including laboratories, production lines, 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	±(0.8%+1)	
	200Ω/2kΩ/20kΩ/200kΩ/2MΩ/20MΩ		±(0.8%+1)
Capacitance (F)	200pF/2nF/20nF/200nF/2uF/20uF/200uF/2mF/20mF	±(0.5%+10)	
	2nF/20nF/200nF/2uF/20uF/200uF/600uF		±(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

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



UT673A



UT675A



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





Specifications			
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.

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



UT701





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.

Product Highlights:

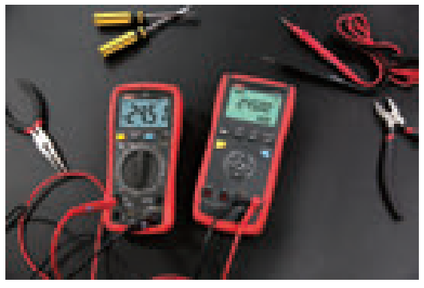
- Measurement & Source all in one
- Loop current: 4 to 20mA
- Ramp & Stepping functions
- High precision: up to 0.02%
- Stores and recalls setups

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



UT705



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.

Product Highlights:

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



UT714

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	√	
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.

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



UT715

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	√	
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.

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,XK,BP	
RTDs	Pt100/Pt200/Pt500/Pt1000/Cu10/Cu50/Cu100 /Pt100-392/Pt100-JIS/Ni120	
Continuity test	√	
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,XK,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



UT725





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

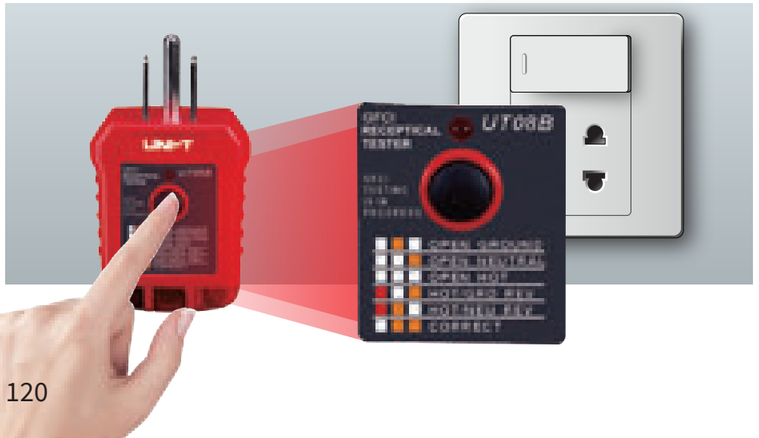
UT07/08 series socket testers can check socket wiring errors. These tools are widely used in commercial and residential areas. The operation is easy and convenient, and it is a necessity for your daily life and house line inspection.

Product Highlights:

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

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.



UNI-T

UT12 SERIES
AC Voltage Detectors

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

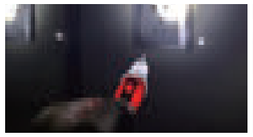
Product Highlights:

- 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



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.

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 accessaries	Battery, Manual
SPQ	30pcs
Standard pacakge dimension	440 x 295 x 455mm
Standard package weight	17kg



UT15B



UT15C

IP65 CAT IV 600V



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



UT22B-EU

IP54 | 2m drop | CAT III 400V

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





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.



Product Highlights:

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

D:S 10:1 ε 0.95





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

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

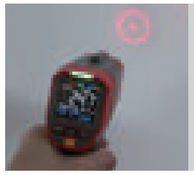


UT301D+



*** 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+)**

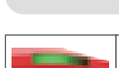
Unique patented display method that covers entire measured area, user will know exactly where the measurement is taking place.

D:S 12:1 ε 0.1~1.0

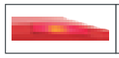
All the models in this page share the same mold.

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		√	√

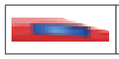
Characteristics	
Standard accessories	Battery, user manual, gift box, carring bag
Power	9V battery
Display	30 x 30mm
Product size	160 x 74 x 48mm
Product net weight	204g
Standard quantity per carton	20pcs



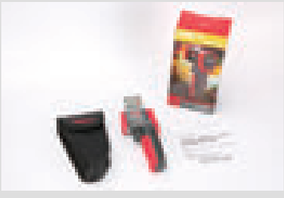
Normal status:
High limit>temperature>low limit



Temperature>high limit



Temperature<low limit



UT302+ SERIES
Infrared Thermometers

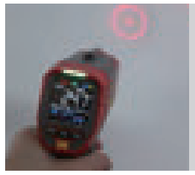
Product Highlights:

- 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.



UT302A+

D:S 20:1 | ε 0.1~1.0

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

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%		
Accuracy (°F)	±3°F or ±1.5%		
Repeatability	0.7°C or 0.7% (1.5°F or 0.7%)		
D:S ratio	20:1		
Response time	250ms		
Emissivity	0.1~1.0 (adjustable, stores 5 sets of preset values)		
Spectral response	8μm~14μm		
LCD display	Color EBTN		
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)		
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
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

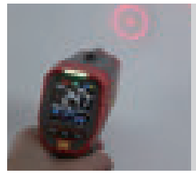
Product Highlights:

- 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.



UT303D+

D:S 30:1 | ε 0.1~1.0

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

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%		
Accuracy (°F)	±3°F or ±1.5%		
Repeatability	0.7°C or 0.7% (1.5°F or 0.7%)		
D:S ratio	30:1		
Response time	250ms		
Emissivity	0.1~1.0 (adjustable, stores 5 sets of preset values)		
Spectral response	8μm~14μm		
LCD display	Color EBTN		
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)		
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
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.



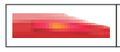
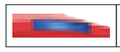
UT305S

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

D:S 50:1 | ε 0.1~1.0

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)

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

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

UT305A+/C+ features a wide temperature range and high D:S ratio, enabling long-distance high-precision measurements. With multiple functional modes, it serves as an ideal measurement solution for industrial processing applications.



UT305C+

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







D:S 55:1 | ε 0.1~1.0

All the models in this page share the same mold.

Specifications	Range		
Measurement range	Infrared temperature measurement	UT305A+	-50°C~1850°C (-58.0°F~3362°F)
		UT305C+	-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	
	Type K thermocouple	-50°C~1370°C (-58.0°F~2498°F)	
Accuracy	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

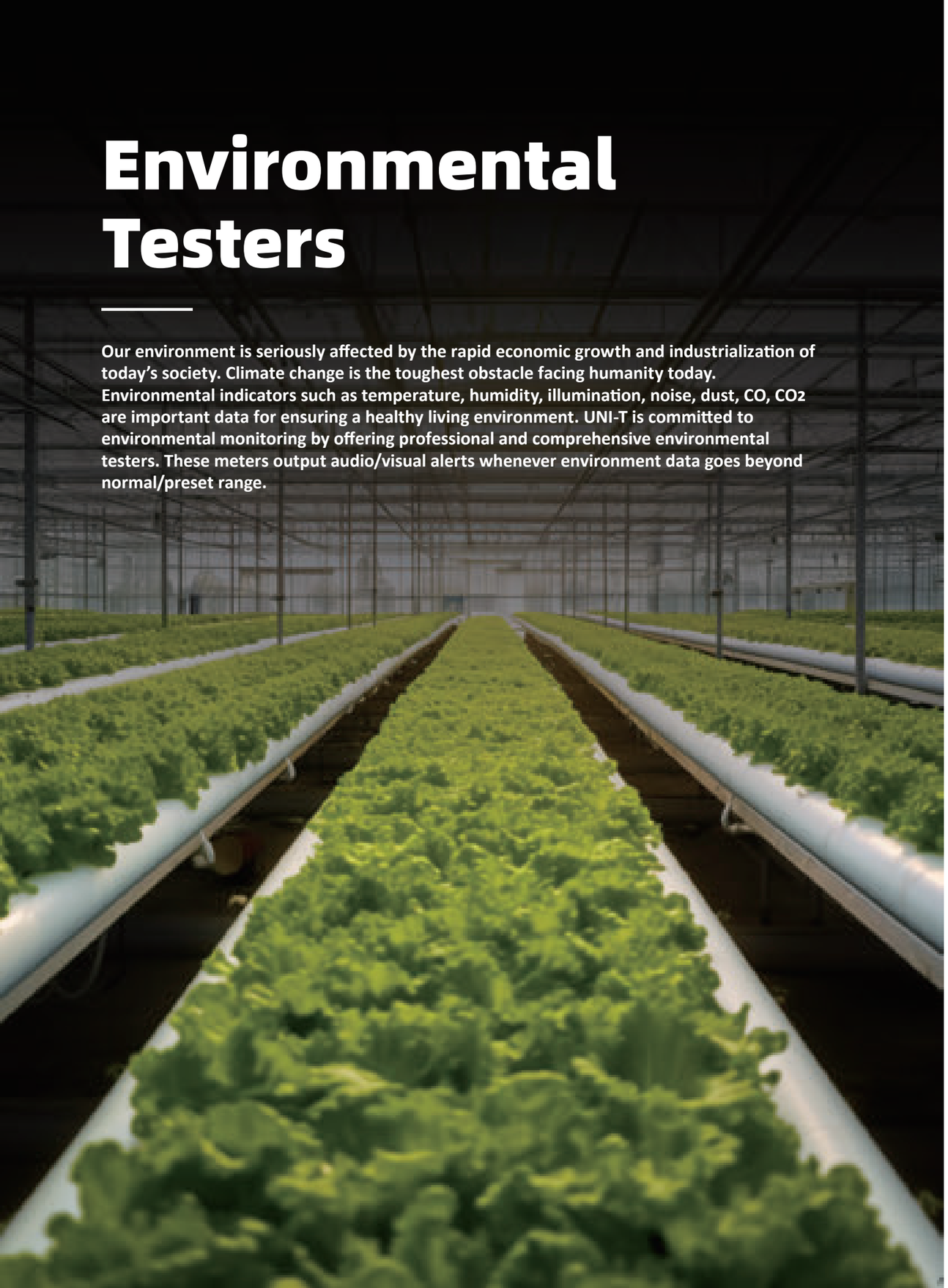


Low temperature LED indicator



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, CO_2 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.



UNI-T

CE RoHS

UT377B
Pin Moisture Meter

NEW

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
Standrad accessories	Pin Moisture Meter, Quick Start Guide, AAA Alkaline Battery x 2, Safety Guide
Standard quantity per carton	10pcs







2m drop



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 strape design
- Data export



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Get the iENV APP!

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



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	Rechargeable2600mAh li-ion battery
Product size	290 x 103 x 62mm
Product net weight	About 710g
Standrad 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

UT381PV
Solar Irradiance Meter

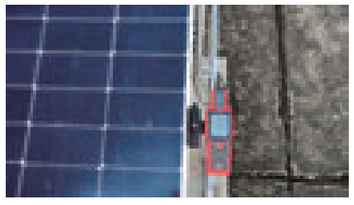
UT381PV integrates four core measurement functions—irradiance, temperature, tilt angle, and orientation—making it a professional instrument for photovoltaic (PV) module testing. In addition to standalone measurements, it can also be used alongside a PV analyzer to obtain I-V characteristic curves, providing 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



IP65 1m drop



Specifications	Range	Resolution	Accuracy
Manual language	EN, FR, DE, IT, ES, SV, PL, CZ		
Irradiance	0~1400W/m²	1	±(5.0%rdg+5dgts)
	0~500Btu/(ft²·h)		
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	2m		

Characteristics	
Battery	2 x AA
Product size	201 x 54.2 x 33.7mm
Product net weight	About 198g (No battery included)
Standrad 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/S²	LO: 10Hz-1kHz	0.1m/s²	±(5%+2dgts)
		HI: 1kHz-15kHz		
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:



Short probe



U-type magnetic sucker
(UT312A only)



Long probe



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/s²; Frequency response: 10Hz-10kHz Accuracy: ±(5%+0.2m/s²)
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
Standrad accessories	User manual, 9V battery, long probe, short probe, magnetic sucker
Standard quantity per carton	1pc



UT315A





UT325F

4-Channel Thermometer

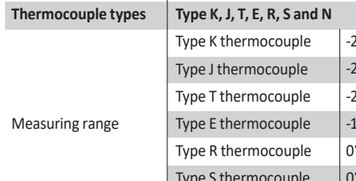
UT325F 4-Channel Thermometer is a high- accuracy digital thermometer that uses a thermocouple as the temperature probe.

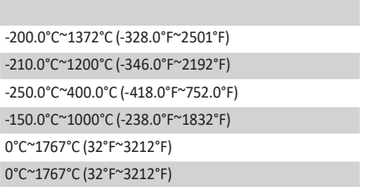
Product Highlights:

- 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







1m drop

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Get the iENV APP!

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



UT320 SERIES

Mini Contact Type Thermometers

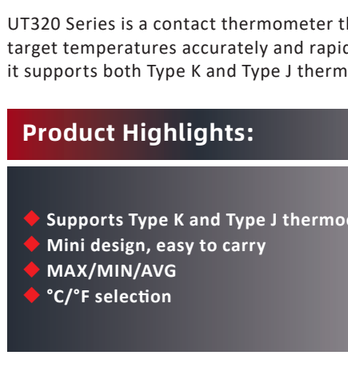
UT320 Series is a contact thermometer that uses thermocouples to measure target temperatures accurately and rapidly. With a wide temperature range, it supports both Type K and Type J thermocouples.

Product Highlights:

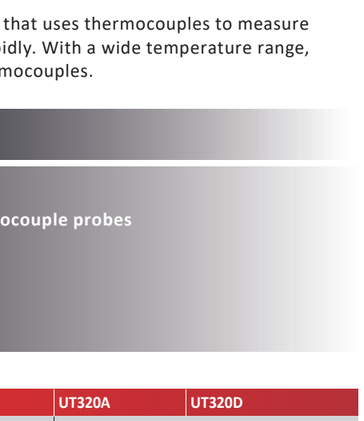
- Supports Type K and Type J thermocouple probes
- Mini design, easy to carry
- MAX/MIN/AVG
- °C/°F selection

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)



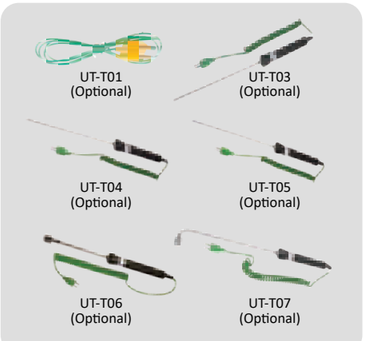
UT320A (Dual Channel)



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.

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



UT325





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 measurment
- Max/Min/T1-T2/HOLD
- Lock measurement
- 180° collapisble 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
Standrad 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



IP54

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	
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	
	32°F≤ t ≤140°F	±0.6°F
	-40°F≤ t <32°F	±0.9°F
	140°F< t ≤185°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-SOCl2 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

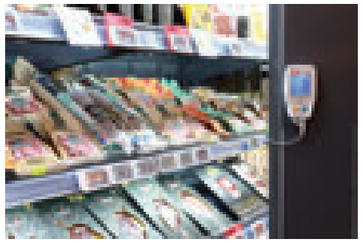


NTC Sensor (Optional)

IP54

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	
	Temperature	Range	Accuracy
		0°C≤ t ≤60°C (32°F≤ t ≤140°F)	±0.3°C (±0.6°F)
		-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)
	Humidity	0%≤ RH ≤90%	±2.5%RH (25°C)
		90%< RH ≤100%	±3.5%RH (25°C)
Internal NTC Temperature Sensor	Range	-40°C~85°C (-40°F~185°F)	
	Accuracy	0°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)
		60°C< t ≤85°C (140°F< t ≤185°F)	±1.0°C (±2.0°F)
External NTC Temperature Sensor	Range	-40°C~85°C (-40°F~185°F)	
	Accuracy	-20°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)
		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-SOCl2 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)



UT330T



UT330TH



UT330THC

IP65 (UT330THC)

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Get the UT330THC APP!

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







Specifications		UT330T	UT330TH	UT330THC
	Range	Accuracy	Accuracy	Accuracy
Temperature (°C)	-30.0°C~-20.1°C	±0.8°C	±0.4°C	±0.4°C
	-20.0°C~-40.0°C	±0.4°C		
	40.1°C~70.0°C	±0.8°C		
Humidity (%RH)	0-99.9%RH		±2.5%RH	±2.5%RH
IP rating		IP65		
Resolution		0.1°C	Temperature: 0.1°C, humidity: 0.1%RH	Temperature: 0.1°C, humidity: 0.1%RH
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. Themeasured 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 welt-bulb measurement
- PC software connection
- Offset setting
- Over-limit backlight alarm
- Real-time display



UT332+



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 seletions		°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



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	
CO accuracy	20±5°C	±5% or 5ppm (whichever is greater)
	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.



UT333S

1m drop

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



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.

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



UT334A



Specifications	Range
Detected rays	X, β and γ rays
Sensor	GM counter tube
Range	0.05uSv-50mSv
Accuracy	-17%~+25% based on ^{137}CSγ
Charging interface	Type-C
Alarm response time	t_d: <10s
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 1750μm. Applications include: manufacturing industry, metal-processing industry, chemical industry, commodity inspection, laboratory, workshop and outdoor.

Product Highlights:

- Rotatable EBTN 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)	0~1750μm	0~99.9μm	0.1μm	±(3%+1μm)
		100~1750μm	1μm	
	0~68.9mil	0~4.99mil	0.01mil	±(3%+0.04mil)
		5.0~68.9mil	0.1mil	
Display	EBTN color screen			
Measurement method	Single/continuous			
Units selection	μm/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

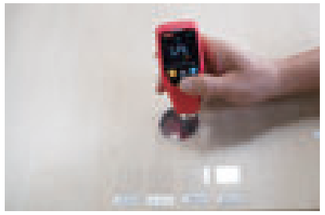






UT343A







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

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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



UT345A

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 munual, Cloth bag, USB cable, Probe
Standard quantity per carton	5pcs





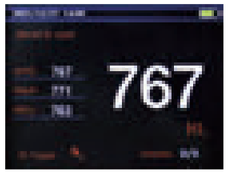
UT347A

Leeb Hardness Tester

UT347A Leeb HardnessTester 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



Statistic



Multi Mode



Linec Mode



Histo Mode



Strength Mode





UT347A



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- 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		σb (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)	
	0~11bft	±1 bft	1
Wind flow (Volume) measurement	0~999900m³/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		m², ft²
	Wind flow		m³/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
Standrad 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 inenergy saving, HVAC, fishing and other industries that use exhaust or ventilation systems.

Product Highlights:

- Unit switch
- Wind count measurement
- Spilt 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	±(3%+0.5)	
	10m/s~30m/s	±(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 widelyused in mining, electrical, iron and steel, petrochemical, energy-saving, navigation, fan manufacturing, exhaust ventilation, sporting and more sectors.

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



UT363S



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_2O	0.01 inH_2O
0.000~±4.429 inHg	0.001 inHg
0.00~±34.80 ozin²	0.01 ozin²
0.000~±0.152 kgcm²	0.001 kgcm²
0.000~±5.026 ftH_2O	0.001 ftH_2O
0.0~±1531 mmH_2O	1mmH_2O
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_2O, inHg, ozin², kgcm², ftH_2O, mmH_2O, 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

1m drop

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



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.

Product Highlights:

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

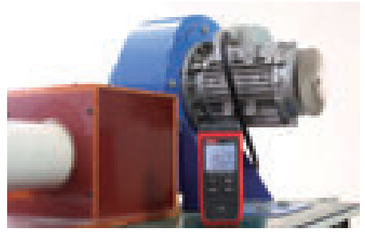
Specifications	Range	Resolution	Accuracy
RPM measurement	10.0~9999.9RPM	0.1	±(0.04%+2)
	10000~99999RPM	1	
Counting measurement	0~99999 counts	1	±1
Auto range	√		
Auto power off	√		
Low battery indication	√		
Data hold	√		
MAX/MIN	√		
Overload indication	√		
LCD backlight	√		
Sensor type	Photodiode and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



UT373

1m drop





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.

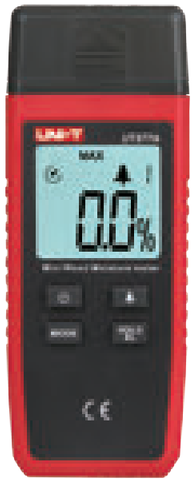
Product Highlights:

- 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

1m drop



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

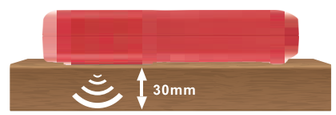
Specifications				
Manual language	EN, FR, DE, IT, ES, SV, PL, CZ			
Functions	Types	Test range	Resolution	Value error
Wood & Building materials measurement	Softwood	4~32%	0.1%	±4%
	Hardwood	4~32%	0.1%	
	Drywall	0~99.9%	0.1%	Unspecified
	Masonry	0~99.9%	0.1%	
Temperature measurement	°C/°F	-20~70°C	0.1°C	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
Standrad 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
Standrad accessories	Quick Start Guide, AAA battery x 3, Safety instructions, Type-C charging cable, Strap
Standard quantity per carton	5pcs









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



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



1m drop



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.

Mini Design | LCD Backlight | Battery Convenience | Bluetooth APP | Multiple Targets

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Get the iENV APP!

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



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**
Nolse (A welghted)	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**	**UT3838T**
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



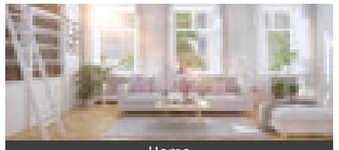
A13T

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	√	

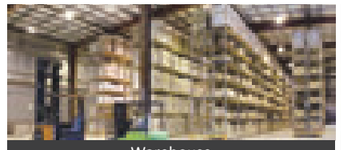
Characteristics	
Standard accessories	Batteries, English manual, Gift box, Probe (A12T only)
Power	1.5V battery (R03) x 1
Display	92.5 x 60mm
Product size	130 x 22 x 78mm
Product net weight	110g
Standard quantity per carton	80pcs



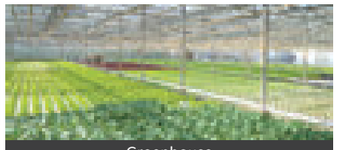
Office



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.

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

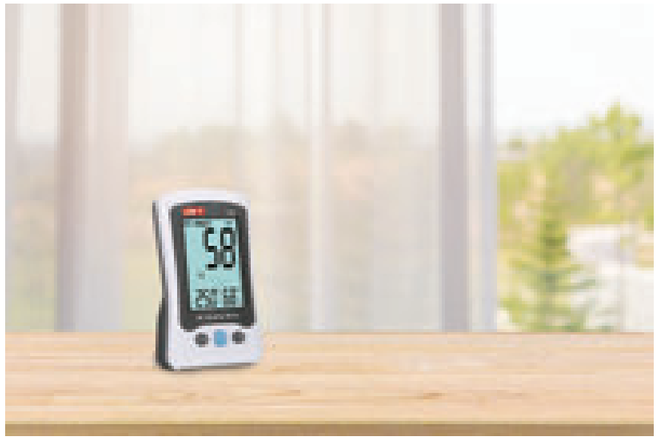


A25D

Specifications	Range	A25D
PM2.5 (ug/m³)	0~100	±(10ug/m³+10dgts)
	101~400	±(10%+30dgts)
	401~500	±(10%+50dgts)
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

CO_2 Meter

A37 is a desktop carbon dioxide (CO_2) monitor designed for real-time detection of CO_2 concentration, temperature, and humidity in the environment. It features audible and visual alarms for high CO_2 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



A37



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



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:

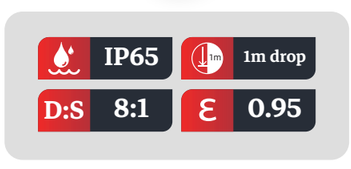
- Probe and infrared temperature measurement
- Rotating screen 180°
- Collapsible probe
- T1-T2 (Temperature difference)
- IP65 rating and 1 meter drop protection
- HACCP inspection(Hazard Analysis and Critical Control Point)





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





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



Wireless. Real-Time. Data Export.

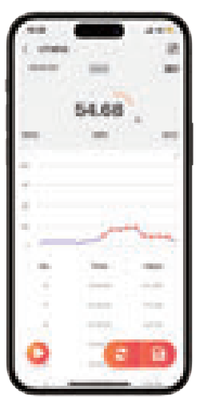
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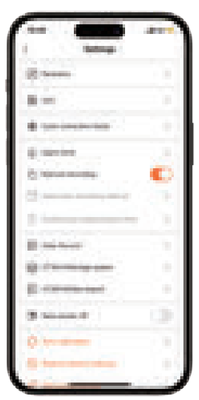
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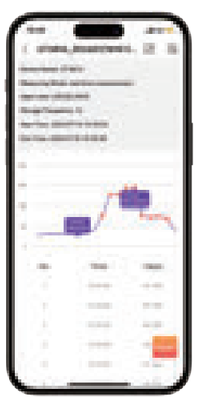
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Main Measurement Interface



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.



UNI-T

CE RoHS

UT336P

Wireless Digital Pressure Gauge

NEW

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

IP54

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/cm² -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/cm², 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

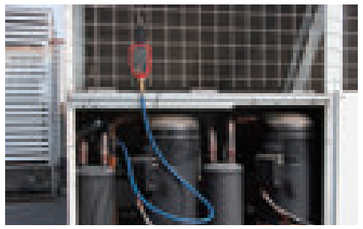
Characteristics	
Power supply	3 x AA
Product size	145 x 68 x 39mm
Product net weight	About 250g
Standrad accessories	Pressure gauge, quick start guide, 3 x AA, hand strape, cloth bag
Standard quantity per carton	5pcs

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





UT-T19 (Optional)



UT336P KIT

Wireless Pressure Gauge with Temperature Clamp

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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- Settable High/Low pressure alarms with LED alarm
- High/low pressure switching and indication
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IP54

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/cm² -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/cm², 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
Standrad accessories	Pressure gauge, temperature clamp, tee connection, bent adapter, quick start guide, 3 x AA, hand strape, cloth bag
Standard quantity per carton	5pcs

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





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.

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



IP54

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)		

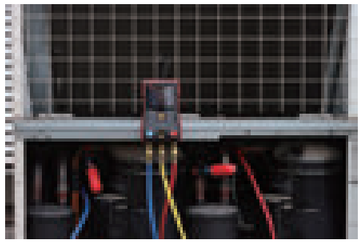
Characterisitics	
Power supply	Rechargeable 5200mAh Li-ion Battery
Standrad accessories	UT336E x 1, UT320i x 2, User Manual, Safety Guide, Refrigerant Hose, USB-C Charging Cable, Tool Box
Product size	UT336E: 203 x 117 x 70mm
Product net weight	About 836g

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



UNI-T

UT320i

Wireless Temperature Clamp

NEW

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



IP65 | 2m drop

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

Specification	
Compatible pipe diameter	6~42mm
LCD	FSTN
Sensor	Thermistor
Temeperature range	-50~+150°C
Temeperature 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

UNI-T

UT336V

Wireless Digital Vacuum Gauge

NEW

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



A2L

IP54

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

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 0 to 0.367987psia
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
Accuracy	± (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	√
△T_TH2O-Tamb	√
Temperature uits	°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

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)
Standrad 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).

LM320D/LM320E/LM320F

NEW

Angle Meters

LM320 is a compact, durable angle meter with a color display, auto-rotation, and 4×90° 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



IP67 (Only camera)





UNI-T

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



IP67 (Only camera)







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
	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

UNI-T

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



IP67 (Only camera)







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
	IP rating	IP67
Battery	Battery	3.7V/2000mAh
	Battery life	5h
Working condition	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

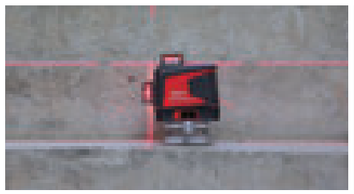
Laser Levels

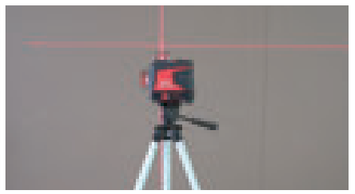
Product Highlights:

- 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

(Except LM585LD)

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

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)					





LM570R-I



LM570LD-II



LM573LD-II



LM575LD



LM576LD



LM585LD

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.

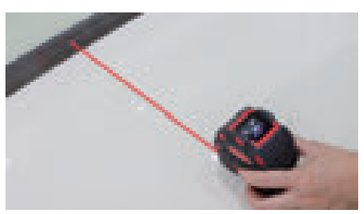
Product Highlights:

- 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 AAAx2	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



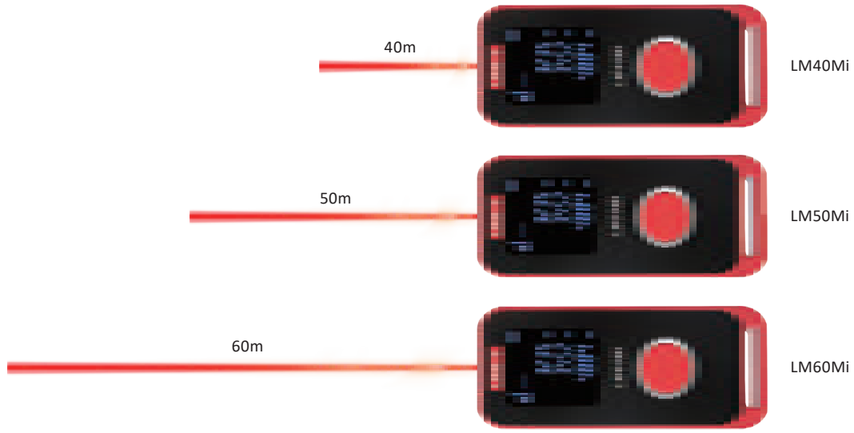
LM40MI/LM50MI/LM60MI

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
- Metel shell, more durable, more comfortable



Models	LM40Mi	LM50Mi	LM60Mi
Measurement range	0.05~40m	0.05~50m	0.05~60m
Precision	±(2mm+d ×1/10000)		
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 Characterisitics	
Power	3.7V 370mAh lithium battery
Standrad 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



LM50A



LM120A



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 Characterisitics	
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 batteries×2, User manual, Gift box
Standard quantity per carton	40pcs

UT387D

Wall Scanner

This model is designed for construction and home improvement sector. It can pick up hidden objects behinds walls, such as metals, live electrical wires and wood. They are widely used for interior finish, renovation, furniture installation, flooring, pipe installation and buiding construction.

Product Highlights:

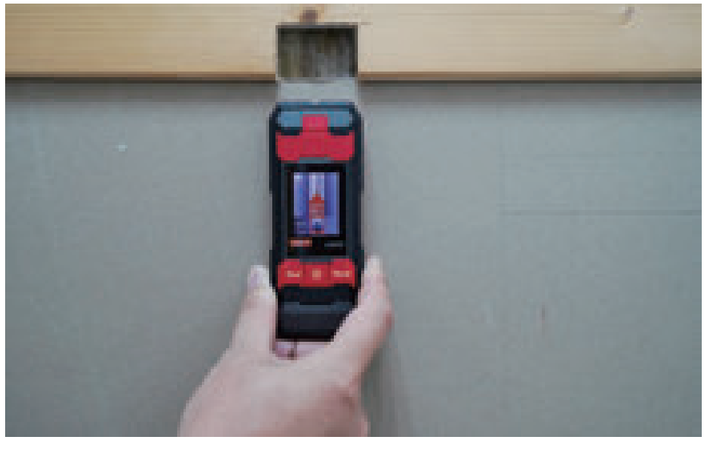
- Non-destructive measurement
- Multiple measurement objects
- Alarm indication
- Quick response



UT387D

Specifications	
Ferrous metals	100mm
Non-ferrous metals	80mm
AC electric wire depth	40mm
Buzzer indication	√
Auto power off	√
Low battery indication	√
Calibration	√
Object icon display	√

Characteristics	
Battery	300mAh L-ion battery
Product size	135 x 60 x 25mm
Product net weight	112g
Standard accessories	Battery, User manual, Gift box, USB cable



UT387 SERIES

Wall Scanners

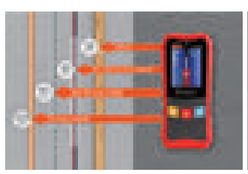
The new UT387 series wall scanners used to detect a variety of objects behind the wall, designed with multiple measurement modes and additional functions to conveniently measure distance and wood moisture. It is widely used in home renovation, home improvement, and DIY projects.

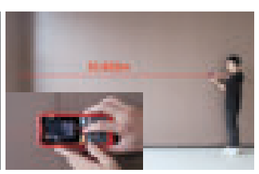
Product Highlights:

- 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 Characterisitics	
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 Characterisitics	
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 rangfinder 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













UT665
Borescope

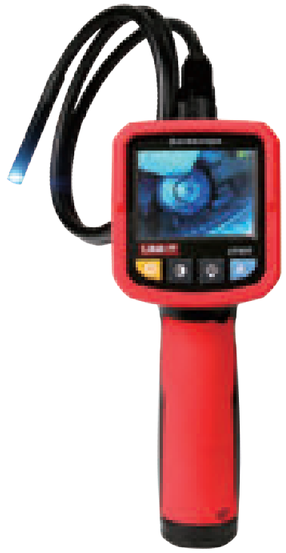
UT665 borescope displays clear images through a flexible camera probe. It is useful for viewing details of automobiles engine, pipelines, inner building walls, drain pipes, and other hard to reach locations.

Product Highlights:

- Real-time clear display
- 2.4 inches TFT screen
- Adjustable image saturation of 6 levels
- IP67 probe water proof
- Rotatable images
- Detachable camera probe

Specifications	Range
Pixels	640 x 480
Lens diameter	9mm (Max. 10mm)
LCD size	2.4 inches
Probe length	1m
Screen type	TFT
Light source	4 LED lights
Depth of field	>20mm
Video signal	Analog
Field of view	60°
Image saturation	6 levels-adjustable
Lens LED brightness	4 levels-adjustable
Flippable image	√
Battery power indicator	√
Water proof	IP67 (probe only)

Characteristics	
Standard accessories	User manual, Camera probe, Batteries, Gift box
Power	1.5V battery (R6) x 4
Display	2.36 inches
Product size	196 x 74 x 97mm
Product net weight	500g
Standard quantity per carton	8pcs



UT665

IP67 (Only camera)





Accessories



TEST LEADS

UT-L Series



UT-L01 Tweezers test leads
- Length: 450mm, Probe length: 5mm
- Safety level: CAT III 1000V
- Application: SMT components measurement, universal test leads
- Amount: 1pc



UT-L07 Probes
- Length: 1000mm, Probe length: 5mm+12mm
- Temperature condition: -15℃~40℃
- Safety level: CAT III 1000V 10A
- Features and application: Double insulated, lantern probes, removable probe protector, general type probles, all multimeters and clamps measuring within spec
- Amount: 1 pair



UT-L10 Dual head multifunctional connectors
- Length: 1000mm, ø4mm
- Temperature condition: -15℃~40℃
- Safety level: CAT III 1000V 10A
- Features and application: Lantern plug, used for testing adapter cables
- Amount: 1 pair



UT-L20 Probes
- Leads length: 900mm, Rod length:101mm
- Tip length: 16.5mm
- Safety level: CAT I 1000V/CAT II 600V 10A
- Features and application: Cross plug with shield sleeve, general type probes, all multimeters and clamps measuring within spec
- Amount: 1 pair



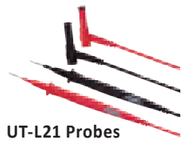
UT-L06 Dual head connectors
- Length: test leads 1200mm
- Safety level: CAT III 1000V 10A
- Application: Multifunctional connectors, all multimeters and clamps
- Amount: 1 pair



UT-L09 Dual head connectors
- Length: 1000mm, one head is 180º, the other is 90º
- Temperature condition: -15℃~40℃
- Safety level: CAT III 1000V 10A
- Features and application: Double insulated, banana plug with security mask and standard diameter, suitable for multiple devices, all multimeters and clamps
- Amount: 1 pair



UT-L16 Probes
- Length: 1200mm, Rod length: 133mm
- Tip length: 18mm
- Safety level: CAT III 1000V 16A
- Safety certificate: EN 61010-031 :2015
- Features and application: Double insulated silicone wire material, through hole type input terminal, general type probes, all multimeters and clamps measuring within spec
- Amount: 1 pair



UT-L21 Probes
- Leads length: 900mm, Rod length: 133mm
- Tip length: 15.8mm
- Safety level: CAT III 1000V/CAT IV 600V 20A
- Features and application: Cross plug with shield sleeve, general type probes, all multimeters and clamps
- Amount: 1 pair

TEST LEADS
UT-L Series



UT-L25 Probes
- Leads length: 900mm, Rod length: 115mm
- Tip length: 18mm
- Safety level: CAT III 1000V/CAT IV 600V 10A
- Safety cetificate: EN 61010-031 2015
- Features and application: Double insulated wire, removable tip shield sleeve, general type probes, all multimeters and clamps measuring within spec
- Amount: 1 pair



UT-L26 Probes
- Leads length: 900mm, Rod length: 136mm
- Tip length: 15.7mm
- Safety level: CAT III 1000V/CAT IV 600V 20A
- Safety certificate: EN 61010-031 2015
- Features and application: UL 16AWG double insulated wire, removable tip shield sleeve, cross type input terminal with full protection, general type probes, all multimeters and clamps
- Amount: 1 pair



UT-L27 Probes
- Leads length: 900mm, Rod length: 130mm
- Tip length: 16.3mm, threaded
- Safety level: CAT III 1000V/CAT IV 600V 10A
- Safety certificate: EN 61010-031 2015
- Features and application: Double insulated UL authenticated material, removable tip shield sleeve, banana plug input terminal, general type probes, all multimeters and clamps measuring within spec
- Amount: 1 pair



UT-L28 Probes
- Leads length: 900mm, Rod length: 128mm
- Tip length: 16.8mm
- Safety level: CAT III 1000V/CAT IV 600V 10A
- Features and application: Double insulated wire, removable tip shield sleeve, banana plug input terminal, general type probes, all multimeters and clamps measuring within spec
- Amount: 1 pair



UT-L29 Probes
- Leads length: 900mm, Rod length: 136mm
- Tip length: 15.7mm
- Safety level: CAT III 1000V/CAT IV 600V 10A
- Safety certificate: EN 61010-031 2015
- Features and application: Double insulated UL authenticated material, through hole crosshead with full protection input, removable tip shield sleeve, general type probes, all multimeters and clamps measuring within spec
- Amount: 1 pair



UT-L30 Probes
- Leads length: 900mm, Rod length: 136mm
- Tip length: 15.7mm
- Safety level: CAT III 1000V/CAT IV 600V 10A
- Safety certificate: EN 61010-031 2015
- Features and application: Double insulated UL authenticated material, removable tip shield sleeve, cross input terminal, general type probes, all multimeters and clamps measuring within spec
- Amount: 1 pair

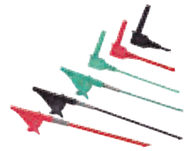
TEST LEADS
UT-L Series



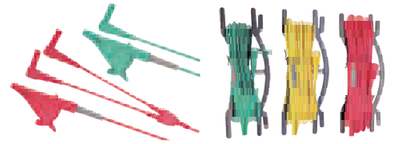
UT-L31 Probes
- Line length: 1300mm
- Tip length: 18.5mm
- Safety level: CAT III 1000V/CAT IV 600V 10A
- Features and application: rod with switch, removable tip shield sleeve, used for UT505B
- Amount: 1pc



UT-L33 Group test leads
- Combinations: combined with 1PCS (red+black) alligator clip test leads and 1PCS double-plug alligator clip test leads
- Material: Double insulated UL authenticated material
- Total length: 1200±20mm
- Safety level: CAT III 1000V/CAT IV 600V 10A
- Application: UT511
- Amount: 1 Group



UT-L34 Group test leads
- Combinations: combined with 1PCS green, 1PCS black and 1PCS red alligator clip test leads
- Total length: 1500±20mm
- Safety level: CAT III 1000V/CAT IV 600V 10A
- Application: UT513, UT513A
- Amount: 1 Group



UT-L35 Group test leads
- Combination: (1) 1.6m test lead (green+red) 1pair (2) 5m green test lead 1PCS (3) 10m yellow test lead 1PCS (4) 20m red test lead 1PCS
- Material: UL authenticated material
- Safety level: CAT III 1000V/CAT IV 600V 10A
- Application: UT521, UT522, UT572
- Amount: 1 Group



UT-L36 Dual through hole test leads
- Material: 18AWG UL authenticated material
- Length: 1100mm
- Safety level: CAT III 1000V/CAT IV 600V
- Application: UT505B
- Amount: 1 pair



UT-L37 Dual through hole test leads
- Material: Double insulated wire, 102 cores
- Length: 1090mm
- Safety level: CAT III 1000V/CAT IV 600V
- Application: UT500 series
- Amount: 1 pair



UT-L40 SMD patch clamp
- Leads length: 450mm, probe length: 5mm
- Temperature condition: -10°C~40°C
- Safety level: CAT II 1000V 2A
- Features and application: used to SMT components, for UT612
- Amount: 1pc



UT-L41 Alligator clip short test leads
- Core: 19/20
- Length: 110-130mm
- Features and application: full protection cross input terminal, used for UT71 series, UT601, UT603
- Amount: 1 pair

TEST LEADS/MAGNETIC HANGER

UT-L Series



UT-L42 Kelvin clips double insulated wire
- Length: 1000mm
- Features and application: AV input lead, used for UT620A
- Amount: 1 pair



UT-L44 Group test leads
- Length: 1000mm
- Application: UT221, UT222
- Amount: 1PC



UT-L65 Gold plated test probes
- Lead length: 1200mm
- Rod length: 130mm
- Tip length: 17.5mm
- Category rating: CAT III 1000V/CAT IV 600V 10A
- Features and applications: Gilded tip; removable tip shield sleeve; general type probe.
- Amount: 1 pair



UT-L90 Test Probe with Extra-Fine Tip
- Lead length: 1200mm
- Rod length: 130mm
- Tip length: 17.5mm
- Category rating: CAT II 1000V 10A
- Features and applications: UT-L90 is a general-purpose test probe designed with fine plating tip and protective sleeve, applicable for measuring fine components and IC pins.
- Amount: 1 pair



UT-L95 Test Lead
- Combination: Test leads (1 pair); Extension rod (1 pair)
- Designed with double insulated silicone cable and removeable tip sheath;
- Capable to measure current up to 20A
- Lead length: 900mm; Rod length: 168.6mm
- Application: UT196, UT219PV, UT197 UT197PV, and other UNI-T branded measuring meters.
- Category rating: CAT III 1500V & CAT IV 1000V

THERMOCOUPLES

UT-T Series



UT-T01 Thermocouple (Type K)
- Accuracy: ±0.75%
- Test range: -40°C~260°C（40°F~500°F）
- Features and application: Teflon covered insulation, through hole input, used for general temperature measurement, not for liquid measurement
- Amount: 1pc



UT-T03 Submersed thermocouple (Type K)
- Probe length: 180mm
- Lead wire length: 1000mm
- Test range: -50°C~600°C（58°F~1112°F）
- Features and application: metal covers from head to handle, used for liquid and gel temperature measurement
- Amount: 1pc



UT-T04 Through hole thermocouple (Type K)
- Probe length: 180mm
- Lead wire length: 1000mm
- Test range: -50°C~600°C（58°F~1112°F）
- Features and application: metal covers from head to handle, used for food and other liquid or gel temperature measurement
- Amount: 1pc



UT-T05 Gas thermocouple (Type K)
- Probe length: 56mm
- Lead wire length: 1000mm
- Test range: -50°C~900°C（58°F~1652°F）
- Features and application: protected by stainless steel gas adjusting hole, used for air or gas temperature measurement, not for liquid temperature measurement
- Amount: 1pc



UT-T06 Surface temperature thermocouple (Type K)
- Probe length: 125mm
- Lead wire length: 1000mm
- Test range: -50°C~500°C（58°F~932°F）
- Features and application: aimed at flat or slightly convex surface, used for hot roller and vessel surface temperature measurement
- Amount: 1pc



UT-T07 Surface temperature measuring thermocouple (Type K)
- Probe length: 200mm
- Lead wire length: 1000mm
- Test range: -50°C~500°C（58°F~932°F）
- Features and application: probe bends for 90°, aimed at flat or slightly convex surface, used for hot roller and vessel surface temperature measurement
- Amount: 1pc



UT-T09K Temperature probe (Type K)
- Test range: -40°C~260°C（40°F~500°F）
- Accuracy: ±0.75%
- Features and application: crosshead socket type input, used for UT139C/E/S, UT216C/D, UT210D, UT213B/C, UT171B/C, UT219M, UT219DS, UT222
- Amount: 1pc



UT-T10K Temperature probe (Type K)
- Test range: -40°C~260°C（40°F~500°F）
- Accuracy: ±0.75%
- Features and application: used for UT213 series, UT39C, UT204A, UT206, UT208, UT208A, UT107, UT109, UT136C+, UT133A, UT89X, UT39C+
- Amount: 1pc



UT-T11 Temperature probe (Type K)
- Test range: -40°C~260°C（40°F~500°F）
- Accuracy: ±0.75%
- Features and application: through hole input, used for UT58 series, UT195M
- Amount: 1pc



UT-T12 Temperature probe (Type K)
- Test range: 0°C-800°C (Error ±0.4%t)
- Features and application: Through hole input, used for UT321, UT322, UT325, UT181A
- Amount: 1pc

TEMPERATURE CLAMPS/SENSORS/TUBES



UT-T15 Temperature clamp (Type K)
- Test range: -40°C-200°C
- Jaw opening: 35mm
- Lead wire length: 2000mm
- Features and application: Flat plug for any K-type temperature recording meter
- Amount: 1 pair



UT-T19 Temperature clamp
- Temperature range: -50~+150°C
- Accuracy: ±0.5°C(-50~80°C), ±1°C(other)
- Length: 2m
- Connection type: Earphone plug, matches UT336P
- Operating temperature: -20~50°C
- Amount: 1PC



UT-R01 Negative corona sensor
- Maximum sensitivity: 3g/a
- Application: UT336A



UT-R02 Semiconductor sensor
- Maximum sensitivity: 3g/a
- Application: UT336B



UT366A Pitot tube
- Length: 350mm (Pitot tube), 1m (Silicone tube)
- Application: UT366A



1m Camera Tube
- Length: 1m
- Interface: Aviation plug
- Lens Diameter: 8mm
- Application: UT667 series, UT665P series



5m Camera Tube
- Length: 5m
- Interface: Aviation plug
- Lens Diameter: 8mm
- Application: UT667 series, UT665P series



10m Camera Tube
- Length: 10m
- Interface: Aviation plug
- Lens Diameter: 8mm
- Application: UT667 series, UT665P series

THERMOCOUPLES/ALLIGATOR CLIPS/KELVIN CLIPS

UT-C Series



UT-C01 Hook type test clamps
- Specifications: Rod length 62mm, hook can extend to 7.5mm
- Safety level: CAT III 1000V 10A
- Features: With safety handle and spring hook type alligator clips
- Amount: 1 pair



UT-C02A Through hole alligator clips
- Specifications: Length 80mm, opening 36mm
- Safety level: CAT III 1000V/CAT IV 600V 10A
- Safety certificate: EN 61010-031:2015
- Amount: 1 pair



UT-C02B (M4) threaded bore alligator clips
- Specifications: Length 80mm, opening 36mm
- Safety level: CAT III 1000V/CAT IV 600V 10A
- Safety certificate: EN 61010-031:2015
- Amount: 1 pair



UT-C04A Through hole alligator clips
- Specifications: Length 75mm, opening 27mm
- Safety level: CAT III 1000V/CAT IV 600V 10A
- Safety certificate: EN 61010-031:2015
- Amount: 1 pair



UT-C05A (M4) threaded bore alligator clips (with protector)
- Specifications: Length 67mm, opening 8.3mm
- Safety level: CAT III 1000V/CAT IV 600V 10A
- Amount: 1 pairr



UT-C05B Through hole alligator clips (with protector)
- Specifications: Length 71mm, opening 8.3mm
- Safety level: CAT III 1000V/CAT IV 600V 10A
- Amount: 1 pair



UT-C06 Test probes
- Specifications: Rod length 106mm, probe length 19mm
- Safety level: CAT III 1000V 10A
- Features: Fully-insulated, with tip and protector, banana plug probes
- Amount: 1 pair



UT-C07 Multifunctional electric test clips
- Specifications: Rod length 110mm, adjustable clip length 8mm
- Safety level: CAT III 1000V/CAT IV 600V 5A
- Features: Standard transfer socket, adjustablemultifunctional clips
- Amount: 1 pair



UT-C08 Test probes
- Specifications: Rod length 99mm, probe length 18mm
- Safety level: CAT III 1000V/CAT IV 600V 10A
- Features: Fully-insulated, with tip and protector, straight type probes
- Amount: 1 pair



UT-C09 Test probes
- Specifications: Rod length 99mm, probe length 18mm
- Safety level: CAT III 1000V/CAT IV 600V 10A
- Features: Fully-insulated, with tip and protector, lantern type probes
- Amount: 1 pair



UT-C12 Through hole alligator clips (with protector)
- Specifications: Length 53mm, opening 6mm
- Amount: 1 pair

ADAPTER SOCKETS/POWER ADAPTERS/DATA CABLES

UT-S/UT-W Series/UT-D Series



UT-S01B Multifunctional adapter socket
- Function: Adapter test of temperature, capacitance and transistor
- Suitable products: UT58 series
- Amount: 1pc



UT-S06 Power adapter socket
- Suitable products: UT171 series、UT181
- Amount: 1pc



UT-S07 Temperature adapter socket
- Suitable product: UT181A
- Amount: 1pc



UT-S08 UT612 adapter socket
- Suitable products: UT612
- Amount: 1pc



UT-W03 Power adapter
- Input: AC230V 50/60Hz 65mA
- Output: DC14.5V 600mA
- Certification: ErP
- Suitable products: UT512, UT511
- Amount: 1pc



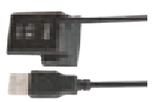
UT-W04 Power adapter
- Input: AC230V 50/60Hz
- Output: DC14.5V+0.5V 1.0A
- Certification: ErP
- Suitable products: UT513, UT513A
- Amount: 1pc



UT-W05 Power adapter
- Input: 100~240V 50/60Hz
- Output: DC9V 4A outer positive inside negative
- Certification: ErP
- Suitable products: UT620A
- Amount: 1pc



UT-W07 Power adapter
- Input: AC100~240V 50/60Hz
- Output: DC10V 500mA input short-circuit protection
- Certification: ErP
- Suitable products: UT181A, UT171B/C
- Amount: 1pc



UT-D09 USB data cable
- Wire length: 1m
- Features: USB interface, two-way transmission
- Suitable products: UT171 series, UT243, UT181A
- Amount: 1pc



UT-D11 USB connecting wire
- Wire length: 1m
- Suitable products: UT305A, UT305C, UT315, UT321, UT322, UT325, UT382, UT612, UT362
- Amount: 1pc

CHARGING STAND/MAGNETIC HANGER

UT-W Series/UT-B Series



UT-W12 Adapting charging stand
- Input Voltage and Current: DC 16.8V, 2A
- Input Interface: DC-005U 5.5-2.0MM
- Ouput Voltage and Current: DC 16.8V, 2A
- Output Interface: Special Lithium battery blade plug
- Compatible products: UT513B, UT513C, UT513D, UT512E



UT-M18 Lithium battery pack
- Voltage: 14.8V
- Rated capacity: 5200mAh 76.96Wh
- Compatible products: UT513B, UT513C, UT513D, UT512E



UT-B23 Magnetic hanger
- Features & applications: The magnetic hanger (general accessory) can be applied in power distribution cabinet, photovoltaic combiner box, automobile engine hood, and more. It is suitable for use with UT117C, UT15B MAX, UT17B MAX, UT18B MAX, etc.
- Color: Black
- Quantity: 1PCS



UT-B24 Magnetic hanger
- Features & applications: The magnetic hanger (general accessory) can be applied in power distribution cabinet, photovoltaic combiner box, automobile engine hood, and more. It is suitable for use with UT196, UT195 series, UT60 series etc.
- Color: Black
- Quantity: 1PCS

Notes