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UNI-TREND TECHNOLOGY (CHINA) CO., LTD.

No.6, Industrial North 1st Road, Songshan Lake Park, Dongguan City, Guangdong Province, China
Post Code: 523 808
Tel: (86-769) 8572 3888

UNI-TREND TECHNOLOGY (HONG KONG) LIMITED

Rm 901, 9/F, Nanyang Plaza, 57 Hung To Road, Kwun Tong, Kowloon, Hong Kong

UNI-TREND TECHNOLOGY EU GMBH

Affinger Str. 12
86167 Augsburg
Germany

UNI-TREND TECHNOLOGY US INC.

STE 104
3171 MERCER AVE
BELLINGHAM WA 98225-8474

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METERS

Product Selection Guide

meters.uni-trend.com

New Products

UT197 Industrial Digital Multimeter



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

UT281E+ 10000A AC Flex Clamp



- Long flex clamp: 1100mm (φ: 8mm)
- True RMS & 6000 display count
- Wide current range: 500mA to 10000A (AC)
- Power test: 3600KW/KVA/KVAR (UT281F)
- Bluetooth app
- CAT IV 600V & CE certificated

UT-CS07 1000A AC/DC Clamp Sensor



- Large current test: AC/DC 1000A
- Compact and slim body
- Ultral sharp clamp for solar system
- Frequency response: AC 45Hz to 1000 Hz
- CAT III 1500V & CAT IV 600V

UT197PV Digital Multimeter



- True RMS with 6000 display count
- Voltage test: DC 2500V+AC 1500V
- Power measurement
- Working temp.: -40°C to 55°C
- IP67 & 5m drop protection
- CAT III 1500V & CAT IV 1000V

UT541 15KW Photovoltaic I-V Curve Analyzer



- I-V curve test: 15kW (with STC converting)
- Solar irradiance: 0~1300W/m²
- Working temp.: -40°C to 120°C
- Voltage measurement: AC/DC 1500V
- Current measurement: AC/DC 100A
- CAT III 1500V & CE/ETL

UT572A Earth Resistance Tester



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

UT586+ Digital RCD(ELCB) Tester



- Suited for single/three phase electrical system
- Triggle time & triggle current measurement
- Auto RAMP & Manual RAMP
- Line voltage & phase voltage measurement
- CAT III 600V protection

UT623A Hand-held 100A Loop Resistance Tester



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

New Products

UT625A/B 100A Loop Resistance Tester



- Desktop level with high accuracy
- Wide test range: UT625A: 0.1 $\mu\Omega$ ~1000.0m Ω
UT625B: 0.1 $\mu\Omega$ ~2000.0m Ω
- Stepping output current of each 10A
- Data transmission: USB & BT
- Open circuit & overheat protection
- Powered by 220V AC

UT677A+ Battery Internal Resistance Tester



- Battery internal resistance: 0.000m Ω ~3 Ω
- Voltage test: 0V~70.0V
- Data storage: 500 sets
- Bluetooth APP
- PC software analysis
- Rechargeable battery

New Products

UT336V Wireless Digital Vacuum Gauge



- Vacuum measurement range: 0~19,000microns
- Ambient temperature measurement: -10.0~50.0 °C
- Audible and visual alarms
- 8000 sets of data storage
- Bluetooth APP connection
- Intelligent H2O State Judgement
- IP54 protection

UT336B Refrigerant Leak Detector



- Semiconductor sensor
- Maximum sensitivity: 3g/a
- 6 levels for adjustable sensitivity
- Audible and visual alarm
- Power-on auto-reset
- Come with probe light
- Detectable refrigerants: CFCs, HCFCs, HFCs

UT731 Milliamp Process Clamp Meter



- 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

UT362H Hot wire anemometer



- Wind speed, temperature, volume measurement.
- Split type design
- Using platinum resistance sensor
- 99 groups of data storage.
- MAX/MIN/Timing mean/Multipoint mean
- Flexible rod in aluminum alloy
- Selectable pipe forms

UT336E Digital Manifold Gauge



- 3.5" HD Color Screen
- Support Multiple Measurement Modes: Pressure, Temperature, Evacuation, Pressure Holding, Refrigeration, Heat Pump.
- 60000 Data Storage
- Mobile Bluetooth APP Connection
- Audible and visual alarm
- Support to connect with Wireless Temperature Clamp and vacuum gauge

UT663B 360° Rotatable Industrial Borescope



- Optional Hose Length: 1m, 2m, 3m
- 180° Bi-directional Rotation of Hose Cameras
- 8 LEDs, 4-Setting Brightness Adjustment
- Support Photo Capturing and Video Recording
- High Temperature Protection of Cameras
- 3000mAh rechargeable Li-ion battery

A56 BT Bluetooth Temperature Humidity Datalogger



- Temperature measurement range: -40°C~85°C
- Humidity measurement range: 0%~100% RH
- Internal high-accuracy digital sensor
- 64000 groups of data storage
- Audible and visible alarm
- Bluetooth App and PC software
- Magnetic and wall-mounted design
- IP54 protection
- Long working time up to 2 years

A57 BT Bluetooth Temperature Humidity Datalogger



- Temperature measurement range: -40°C~85°C
- Humidity measurement range: 0%~100% RH
- Supports external sensor
- 64000 groups of data storage
- Audible and visible alarm
- Bluetooth App and PC software
- Magnetic and wall-mounted design
- IP54 protection
- Long working time up to 2 years

UT665P Handheld Single Len Industrial Borescope



- 4.3" HD Screen
- Optional Hose Length: 1m, 5m, 10m
- 8 LEDs, 4-Setting Brightness Adjustment
- 300K HD Camera, IP67 Rating
- Equips side mirror, magnet and hook for different narrow space
- 2000mAh rechargeable Li-ion battery

UT667 Industrial Borescope



- 4.3" HD Screen
- Optional Hose Length: 1m, 5m, 10m
- 8 LEDs, 4-Setting Brightness Adjustment
- 300K HD Camera, IP67 Rating
- Equips side mirror, magnet and hook for different narrow space
- 2000mAh rechargeable Li-ion battery

UT337B Particle Counter







- Number of particle diameter channels: 6
- Temperature/Humidity/Dew point/Wet bulb temperature measurement
- Temperature and humidity measurement
- APP connection via WiFi and PC software connection
- Camera function
- Rechargeable lithium battery

UT336P Wireless Digital Pressure Gauge







- High/Low pressure measurement range: -1~+60bar
- Display multiple refrigeration parameters
- LED alarm indication
- Preset 10 refrigerants. Support mobile APPs to change refrigerants.
- 8000 sets of data storage
- Bluetooth APP connection
- Compatible with temperature clamp
- IP54 protection

Voltage and Continuity Testers

Models	UT22B-EU	UT18C	UT18D	UT18E
				
Voltage LED indications			6V	6V
	12V	12V	12V	12V
	24V	24V	24V	24V
	50V	50V	50V	50V
	120V	120V	120V	120V
	230V	230V	230V	230V
	400V	400V	400V	400V
			690V	690V
				1000V
Voltage LCD display		•	•	•
Polarity detection	•	•	•	•
Phase rotation test		•	•	•
Continuity test		•	•	•
Self-inspection		•	•	•
Detection voltage without battery		•		•
Flashlight		•	•	•
RCD test		•	•	•
Data hold		•	•	•
Low battery voltage indication		•	•	•
Over voltage protection	•	•	•	•
Silent mode		•	•	•
IP rating	IP54	IP65	IP65	N/A
Power	No need battery, supplied by the voltage being tested	1.5V AAA x 2	1.5V AAA x 2	1.5V AAA x 2
Overvoltage category	CAT III 400V	CAT III 690V CAT IV 600V	CAT III 690V CAT IV 600V	CAT III 1000V CAT IV 600V
Safety Features				
Certificates	CE/UKCA/RoHS	CE/UKCA/RoHS/ETL		CE/UKCA/RoHS

AC Voltage Detector Model Selection

Models	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
Neutral/Live detection	●	●	●	●
Breakpoint detection	●	●	●	●
Vibration mode			●	
Magnetic solenoid detection				●
Flashlight	●	●	●	●
Visual (LED) indication	●	●	●	●
Buzzer indication	●	●	●	●
LED indication	●	●	●	●
Auto power off	●	●	●	●
Low voltage indication	●	●	●	●
Double injection molding			●	●
Power	1.5V AAA x 2	1.5V AAA x 2	1.5V AAA x 2	1.5V AAA x 2
Drop test	1m	1m	2m	2m
Safety rating	CAT IV 1000V	CAT IV 1000V	CAT IV 1000V	CAT IV 1000V
IP rating			IP67	IP67
Certificates	CE/UKCA/cETLus	CE/UKCA/cETLus	CE/UKCA/cETLus	CE/UKCA/cETLus

Digital Multimeters

Models	UT33A+ /UT131A	UT33B+ /UT131B	UT33C+ /UT131C	UT33D+ /UT131D	UT118C	UT120A	UT120B	UT120C
								
DC voltage (V)	600V/250V	600V/250V	600V/250V	600V/250V	600V	600V	600V	600V
AC voltage (V)	600V/250V	600V/250V	600V/250V	600V/250V	600V	600V	600V	600V
DC current (A)	10A	10A	10A	10A				400mA
AC current (A)	10A							400mA
Resistance (Ω)	200MΩ	20MΩ	20MΩ	200MΩ	60MΩ	40MΩ	40MΩ	40MΩ
Capacitance (F)	2mF				60mF		100μF	100μF
Frequency (Hz)					100kHz	100kHz	100kHz	100kHz
Temperature (°C)			-40°C~1000°C					
Features								
Display count	2000	2000	2000	2000	6000	4000	4000	4000
Diode/continuity	●	●	●	●	●	●	●	●
Low battery indication	●	●	●	●	●	●	●	●
Data hold	●	●	●	●	●	●	●	●
Auto power off	●	●	●	●	●	●	●	●
LCD backlight	●	●	●	●	●			
Duty cycle					●	●	●	●
Relative mode	●					●	●	●
NCV				●	●			
Auto range	●				●	●	●	●
Live test					●			
True RMS					●			
Safety Features								
Drop test	1m	1m	1m	1m	1m	1m	1m	1m
Overtoltage category	CAT II 250V (UT131 series only) /CAT II 600V (UT33+ series only)				CAT IV 300V/ CAT III 600V	CAT II 600V		
Certificates	CE/RoHS/cETLus (UT131 series only)				CE/ETL/RoHS	CE/RoHS/cETLus		CE/UKCA

Digital Multimeters



Models	UT123	UT123T	UT123D	UT125C	UT133A	UT133B	UT60S	UT60EU	UT60BT
									
DC voltage (V)	600V	600V	600V	600V	600V	600V	1000V	1000V	1000V
AC voltage (V)	600V	600V	600V	600V	600V	600V	1000V	1000V	1000V
DC current (A)			10A	400mA	10A	10A	10A	10A	10A
AC current (A)			10A	400mA	10A		10A	10A	10A
Resistance (Ω)	20MΩ	20MΩ	40MΩ	40MΩ	60MΩ	60MΩ	100MΩ	100MΩ	100MΩ
Capacitance (F)			4000μF	100μF	10mF	10mF	100mF	10mF	10mF
Frequency (Hz)				60kHz	1MHz		10MHz	10MHz	10MHz
Temperature (°C)	-40°C~300°C	-40°C~300°C			-40°C~1000°C		-40°C~1000°C	-40°C~1000°C	-40°C~1000°C
Features									
Display count	4000	4000	4000	4000	6000	6000	9999	9999	9999
Diode/continuity	Continuity	Continuity	●	●	●	●	●	●	●
Low battery indication	●	●	●	●	●	●	●	●	●
Data hold	●	●	●	●	●	●	●	●	●
Auto power off	●	●	●	●	●	●	●	●	●
LCD backlight				●	●	●	●	●	●
Duty cycle				●			●	●	●
Relative mode					●	●	●	●	●
NCV	●	●	●	●	●	●	●	●	●
Auto range	●	●	●	●	●		●	●	●
True RMS			●				●	●	●
Bluetooth/APP									●
Safety Features									
Drop test	1m	1m	1m	1m	1m	1m	1m	1m	1m
Oversoltage category	CAT III 600V						CAT II 1000V/CAT III 600V		
Certificates		CE/RoHS /cETLus/FCC	CE/RoHS	CE/RoHS /cETLus	CE/RoHS/cETLus		CE/UKCA/RoHS/cETLus		

Digital Multimeters



Models	UT39A+	UT39C+	UT39E+	UT136B+	UT136C+	UT105+	UT107+
DC voltage (V)	1000V	1000V	1000V	1000V	1000V	1000V	1000V
AC voltage (V)	750V	750V	1000V	1000V	1000V	1000V	1000V
DC current (A)	10A	10A	20A	10A	10A	10A	10A
AC current (A)	10A	10A	20A	10A	10A	10A	10A
Resistance (Ω)	200M Ω	40M Ω	200M Ω	40M Ω	40M Ω	40M Ω	60M Ω
Capacitance (F)	10mF	10mF	2000 μ F	40mF	40mF		100mF
Frequency (Hz)		1MHz	2MHz	40MHz	40MHz	10MHz	10MHz
Temperature ($^{\circ}$ C)		-40 $^{\circ}$ C ~1000 $^{\circ}$ C	-40 $^{\circ}$ C ~1000 $^{\circ}$ C		-40 $^{\circ}$ C ~1000 $^{\circ}$ C	-40 $^{\circ}$ C ~1000 $^{\circ}$ C	-40 $^{\circ}$ C ~1000 $^{\circ}$ C
Features							
Display count	4000	4000	20000	4000	4000	4000	6000
Diode/continuity	•	•	•	•	•	•	•
Low battery indication	•	•	•	•	•	•	•
Data hold	•	•	•	•	•	•	•
Auto power off	•	•	•	•	•	•	•
LCD backlight	•	•	•	•	•	•	•
Duty cycle						•	•
Relative mode	•	•	•			•	•
NCV		•	•	•			
Auto range				•	•		
Transistor (hFE)	•	•	•	•	•	•	•
Conductance (nS)			•				
Max/Min						•	•
True RMS						•	•
VFC						•	•
RPM						•	•
Battery test							•
Pulse width							•
Safety Features							
Drop test	1m	1m	1m	1m	1m	1m	1m
Overvoltage category	CAT II 1000V/CAT III 600V						

Digital Multimeters






Models	UT890C	UT890D+	UT892	UT89X	UT89XD	UT89XE
DC voltage (V)	1000V	1000V	2000V	1000V	1000V	1000V
AC voltage (V)	750V	750V	2000V	1000V	1000V	1000V
DC current (A)	20A	20A		20A	20A	20A
AC current (A)	20A	20A		20A	20A	20A
Resistance (Ω)	60M Ω	60M Ω	60M Ω	60M Ω	60M Ω	200M Ω
Capacitance (F)	100mF	100mF	60mF	100mF	100mF	200mF
Frequency (Hz)	10MHz	10MHz	10KHz	10MHz	10MHz	60MHz
Temperature ($^{\circ}$ C)	-40 $^{\circ}$ C ~1000 $^{\circ}$ C			-40 $^{\circ}$ C ~1000 $^{\circ}$ C		-40 $^{\circ}$ C ~1000 $^{\circ}$ C
Features						
Display count	6000	6000	6000	6000	6000	20000
Diode/continuity	•	•	•	•	•	•
Low battery indication	•	•	•	•	•	•
Data hold	•	•	•	•	•	•
Auto power off	•	•	•	•	•	•
LCD backlight	•	•	•	•	•	•
Duty cycle				•	•	
Relative mode	•	•	•	•	•	•
NCV	•	•	•	•	•	
Auto range			•			
Transistor (hFE)	•	•		•	•	
Conductance (nS)						•
Live test		•	•	•		
LED test					•	
Max/Min	•	•	•			•
True RMS	•	•	•	•	•	•
RPM					•	
Battery test	•	•				•
Pulse width	•	•		•	•	•
Safety Features						
Drop test	1m	1m	1m	1m	1m	1m
Overvoltage category	CAT II 1000V/CAT III 600V					

Digital Multimeters

Models	UT139A	UT139B	UT139C	UT139S	UT191E	UT191T
						
DC voltage (V)	600V	600V	600V	600V	600V	600V
AC voltage (V)	600V	600V	600V	600V	600V	600V
DC current (A)	10A	10A	10A	10A	20A	20A
AC current (A)	10A	10A	10A	10A	20A	20A
Resistance (Ω)	20MΩ	40MΩ	60MΩ	60MΩ	60MΩ	60MΩ
Capacitance (F)		100mF	100mF	100mF	60mF	60mF
Frequency (Hz)		10MHz	10MHz	10MHz	1MHz	1MHz
Temperature (°C)			-40°C~1000°C	-40°C~1000°C		-40°C~400°C
Features						
Display count	2000	4000	6000	6000	6000	6000
Diode/continuity	●	●	●	●	●	●
Low battery indication	●	●	●	●	●	●
Data hold	●	●	●	●	●	●
Auto power off	●	●	●	●	●	●
LCD backlight	●	●	●	●	●	●
Duty cycle		●	●	●	●	●
Relative mode	●	●	●	●	●	●
NCV	●	●	●	●		
Auto range	●	●	●	●	●	●
Max/min	●	●	●	●	●	●
Peak hold					●	●
True RMS	●	●	●	●	●	●
Special Features						
Analog bar graph				●	●	●
Low pass filter(LPF)				●	●	●
VFC	●	●	●			
LoZ				●	●	●
Safety Features						
IP rating					IP65	IP65
Drop test	1m	1m	1m	1m	2m	2m
Overtoltage category	CAT III 600V					
Certificates	CE/cETLus				CE/RoHS/GS/cTUVus	

Digital Multimeters



Models	UT15B MAX	UT17B MAX	UT18B MAX
			
DC voltage (V)	1000V	1000V	1000V
AC voltage (V)	1000V	1000V	1000V
DC current (A)	10A	10A	10A
AC current (A)	10A	10A	10A
Resistance (Ω)	60MΩ	60MΩ	60MΩ
Capacitance (F)	6mF	6000uF	6000uF
Frequency (Hz)	10Hz~10MHz	10Hz~10MHz	10Hz~10MHz
Temperature (°C)		-55°C~500°C	-55°C~500°C
Features			
Display count	6000	6000	6000
LED test			●
Diode/continuity	●	●	●
Low battery indication	●	●	●
Data hold	●	●	●
Auto power off	●	●	●
LCD backlight	●	●	●
Duty cycle	●	●	●
Relative mode	●	●	●
NCV			
Auto range	Auto/Manual	Auto/Manual	Auto/Manual
Max/min	●	●	●
True RMS	●	●	●
Special Features			
Low pass filter (LPF)	VFD(600V)	VFD(600V)	VFD(600V)
VFC			
Mis-plug alarm	●(Audible & Visual)	●(Audible & Visual)	●(Audible & Visual)
LED test	●	●	●
Any key wake up	●	●	●
Safety Features			
Drop test			
Overvoltage category	CAT III 600V	CAT III 600V	CAT III 600V
Certificates	CE/UKCA /RoHS/cETLus	CE/UKCA /RoHS/cETLus	CE/UKCA /RoHS/cETLus

Digital Multimeters

Models	UT61B+	UT61D+	UT61E+	UT161B	UT161D	UT161E
						
DC voltage (V)	1000V	1000V	1000V	1000V	1000V	1000V
AC voltage (V)	1000V	1000V	1000V	1000V	1000V	1000V
DC current (A)	10A	20A	20A	10A	20A	20A
AC current (A)	10A	20A	20A	10A	20A	20A
Resistance (Ω)	60MΩ	60MΩ	220MΩ	60MΩ	60MΩ	220MΩ
Capacitance (F)	60mF	60mF	220mF	60mF	60mF	220mF
Frequency (Hz)	10MHz	10MHz	220MHz	10MHz	10MHz	220MHz
Temperature (°C)		-40°C~1000°C			-40°C~1000°C	
Features						
Display count	6000	6000	22000	6000	6000	22000
Diode/continuity	●	●	●	●	●	●
Low battery indication	●	●	●	●	●	●
Data hold	●	●	●	●	●	●
Auto power off	●	●	●	●	●	●
LCD backlight	●	●	●	●	●	●
Duty cycle	●	●	●	●	●	●
Relative mode	●	●	●	●	●	●
NCV	●	●	●	●	●	●
Auto range	●	●	●	●	●	●
Transistor (hFE)			●			●
Max/min	●	●	●	●	●	●
Peak hold		●	●		●	●
True RMS	●	●	●	●	●	●
Special Features						
Analog bar graph	●	●	●	●	●	●
Low pass filter(LPF)			●			●
LoZ		●			●	
USB interface	●	●	●	●	●	●
Bluetooth/APP	●	●	●	●	●	●
AC+DC			●			●
Safety Features						
Drop test	1m	1m	1m	1m	1m	1m
Overvoltage category	CAT III 1000V/CAT IV 600V					
Certificates	CE/RoHS/cETLus					

Digital Multimeters

Models	UT117C	UT195E	UT195M	UT195DS	UT196	UT197	UT197PV	
								
DC voltage (V)	600V	1000V	1000V	1000V	1700V	1000V	2500V	
AC voltage (V)	600V	1000V	1000V	1000V	1500V	1000V	1500V	
DC current (A)	10A	20A	20A	20A		10A		
AC current (A)	10A	20A	20A	20A		10A		
Clamp sensor (DCA)							1000A	
Clamp sensor (ACA)						3000A	1000A	
Resistance (Ω)	40M Ω	60M Ω	60M Ω	60M Ω	60M Ω	60M Ω	60M Ω	
Capacitance (F)	9999 μ F	60mF	60mF	60mF	60mF	60mF	60mF	
Frequency (Hz)	50.00KHz	10MHz	40MHz	40MHz	1MHz	1MHz	999.9kHz	
Temperature ($^{\circ}$ C)			-40 $^{\circ}$ C~1000 $^{\circ}$ C			-40 $^{\circ}$ C~1000 $^{\circ}$ C	-40 $^{\circ}$ C~1000 $^{\circ}$ C	
Active power							1500kW	
Apparent power							1500kVA	
Reactive power							1500kVar	
Power factor							-1~1	
Features								
Display count	60000	6000	6000	6000	6000	600000	6000	
Diode/continuity	●	●	●	●	●	●	●	
Duty cycle		●		●		●	●	
NCV	●				●		●	
Auto range	●(Auto+Manual)	●	●	●	●	●	●	
Conductance (nS)						60.00nS		
Max/min	●	●	●	●	●	●	●	
Peak hold				●	●	Peak value 250 μ S	●	
True RMS	●	●	●	●	●	●	●	
Special Features								
Analog bar graph		●		●	●	●(33 segment)	●(33 segment)	
Low pass filter(LPF)	●			●	●	VFD: 600V/1000V	600V/1500V	
VFC						●	●	
LoZ	●	●	●	●		600.00V/1000.0V	600.0V/1500V	
Bluetooth/APP	●					●	●	
AC+DC				●	●	●	●	
3-phase motor sequence (4~20mA)%			●	●			●	
Power measurement							●	
Safety Features								
IP rating		IP65	IP65	IP65	IP65	IP67	IP67	
Drop test	2m	2m	2m	2m	2m	5m	5m	
Overtoltage category	CAT III 600V	CAT III 1000V/CAT IV 600V				CAT IV 1000V		CAT IV 1000V /CAT III 1500V
Certificates	CE/UKCA /ETL/ROHS	CE/RoHS/GS/cTUVus			CE/UKCA /RoHS/cETLus	CE/ETL/FCC	CE	

All above models features the following functions simultaneously: True RMS, Auto backlight, Low battery indication, Auto power off, Data hold, Relative mode.

Digital Multimeters



Models	UT171B	UT171C	UT181A
			
DC voltage (V)	1000V	1000V	1000V
AC voltage (V)	1000V	1000V	1000V
DC current (A)	10A	10A	10A
AC current (A)	10A	10A	10A
Resistance (Ω)	60M Ω	60M Ω	60M Ω
Capacitance (F)	60mF	60mF	60mF
Frequency (Hz)	10MHz	10MHz	60MHz
Temperature ($^{\circ}$ C)	-40 $^{\circ}$ C~1000 $^{\circ}$ C	-40 $^{\circ}$ C~1000 $^{\circ}$ C	-40 $^{\circ}$ C~1000 $^{\circ}$ C
Features			
Display count	60000	60000	60000
Diode/continuity	●	●	●
Low battery indication	●	●	●
Data hold	●	●	●
Auto power off	●	●	●
LCD backlight	●	●	●
Duty cycle	●	●	●
Relative mode	●	●	●
NCV	●		
Auto range	●	●	●
Conductance (nS)	●	●	●
Max/min	●	●	●
Peak hold	●	●	●
True RMS	●	●	●
Special Features			
Analog bar graph	●	●	●
Low pass filter(LPF)			●
VFC	●	●	
LoZ	●	●	
USB interface	●	●	●
Bluetooth/APP (optional)	●	●	●
AC+DC	●	●	●
(4~20mA)%	●	●	
Data logging	●	●	●
Mis-plug alarm	●	●	●
dBv/dBm			●
Trend capture			●
Data time display			●
Data comparison			●
Safety Features			
Drop test	1m	1m	1m
Certificates	CE/cETLus		







400A AC Current Clamp Sensor

Model	UT-CS06A	UT-CS07
		
ACA Current	1-400A	100A 1000A
DCA Current		100A 1000A
Jaw opening	28mm	35mm
Output ratio	1mV/A	10mV/A & 1mV/A
Wire length	1.1m	1.1m
True RMS	depends on the Multi-meter	depends on the Multi-meter
Response time	depends on the Multi-meter	depends on the Multi-meter
Frequency	50Hz~400Hz	45Hz~400Hz
Waveform display	Adaptable oscilloscope	Adaptable oscilloscope
Accuracy	depends on the Multi-meter	depends on the Multi-meter
Power supply	no need battery	1.5V AAA x 2
Drop test	1m	1m
Overtoltage category	CAT III 300V/CAT II 600V	CAT III 1500V/CAT IV 600V
Certificates	CE/UKCA	CE/cETLus
Characteristic		
Dimension	158 x 65 x 33mm	276 x 86 x 50mm





Digital AC Clamp Meters

Models	UT210A	UT210B	UT210C	UT200A+	UT200B+	UT201+	UT202+
							
AC current (A)	200A	200A	200A	400A	600A	400A	400A
AC voltage (V)			600V	600V	600V	600V	600V
DC voltage (V)			600V	600V	600V	600V	600V
Resistance (Ω)			20M Ω	3M Ω	3M Ω	40M Ω	40M Ω
Capacitance (F)			20mF		1mF		4mF
Frequency (Hz)				10kHz	10kHz		
Temperature ($^{\circ}$ C)			-40 $^{\circ}$ C ~1000 $^{\circ}$ C				-40 $^{\circ}$ C ~1000 $^{\circ}$ C
Features							
Jaw opening	16mm	16mm	17mm	28mm	28mm	28mm	28mm
Display count	2000	2000	2000	3099	3099	4000	4000
True RMS		●	●			●	●
Diode			●	●	●	●	●
Continuity			●	●	●	●	●
Low battery indication	●	●	●	●	●	●	●
Data hold	●	●	●	●	●	●	●
Auto power off	●	●	●	●	●	●	●
LCD backlight	●	●	●	●	●	●	●
NCV		●	●			●	●
Auto range			●	●	●	●	●
Max/min		●	●			●	●
Relative mode		●					●
Flashlight				●	●		
Safety Features							
Drop test	1m	1m	1m	1m	1m	1m	1m
Overvoltage category	CAT II 600V/CAT III 300V						
Certificates	CE/RoHS/cETLus						







Digital AC Clamp Meters

Models	UT202A+	UT201R	UT202R	UT202F	UT202T	UT202BT
						
AC current (A)	600A	400A	400A	600A	600A	600A
AC voltage (V)	600V	600V	600V	600V	600V	600V
DC voltage (V)	600V	600V	600V	600V	600V	600V
Resistance (Ω)	60M Ω	40M Ω	40M Ω	60M Ω	100M Ω	6M Ω
Capacitance (F)	60mF		4mF	60mF	100mF	100mF
Frequency (Hz)	10MHz			10MHz	1kHz	1kHz
Temperature ($^{\circ}$ C)			-40 $^{\circ}$ C ~1000 $^{\circ}$ C			-40 $^{\circ}$ C ~1000 $^{\circ}$ C
Features						
Jaw opening	28mm	28mm	28mm	28mm	28mm	28mm
Display count	6000	4000	4000	6000	9999	9999
True RMS	●	●	●	●	●	●
Diode	●	●	●	●		
Continuity	●	●	●	●	●	●
Low battery indication	●	●	●	●	●	●
Data hold	●	●	●	●	●	●
Auto power off	●	●	●	●	●	●
LCD backlight	●	●	●	●	●	●
Duty cycle	●			●		
NCV	●	●	●	●	●	●
Auto range	●	●	●	●	●	●
Max/min	●	●	●	●		
Relative mode	●		●	●		
Flashlight					●	●
Inrush current						●
LPF ACV						●
Bluetooth/APP						●
Safety Features						
Drop test	1m	1m	1m	1m	1m	1m
Overvoltage category	CAT II 600V/CAT III 300V				CAT III 600V	
Certificates	CE/UKCA/cETLus				CE/UKCA/RoHS/cETLus	

Digital AC Clamp Meters







Models	UT213A	UT213B	UT216A	UT216B
				
AC current (A)	400A	400A	600A	600A
AC voltage (V)	600V	600V	750V	750V
DC voltage (V)	600V	600V	1000V	1000V
Resistance (Ω)	40M Ω	40M Ω	60M Ω	60M Ω
Capacitance (F)	100 μ F	40mF	60mF	60mF
Frequency (Hz)	1MHz	1MHz		1MHz
Temperature ($^{\circ}$ C)		-40 $^{\circ}$ C~1000 $^{\circ}$ C		
Features				
Jaw opening	30mm	30mm	30mm	30mm
Display count	4000	4000	6000	6000
True RMS		•	•	•
Diode/continuity	•	•	•	•
Low battery indication	•	•	•	•
Data hold	•	•	•	•
Auto power off	•	•	•	•
LCD backlight	•	•	•	•
Duty cycle	•	•		
NCV	•	•	•	•
Auto range	•	•	•	•
Max/min		•	•	•
Relative mode	•	•	•	•
Flashlight	•	•	•	•
VFC				•
Safety Features				
Drop test	1m	1m	1m	1m
Overvoltage category	CAT III 600V		CATII 1000V/CAT III 600V	
Certificates	CE/RoHS/cETLus		CE/RoHS/cETLus	

Digital AC Clamp Meters

Models	2117R	UT205A+	UT206A+	UT205B	UT206B	UT219E	UT219M	UT219DS
								
AC current (A)	1000A	1000A	1000A	1000A	1000A	600A	600A	600A
AC current frequency (Hz)				1kHz				
AC voltage (V)	1000V	1000V	1000V	1000V	1000V	1000V	1000V	1000V
AC voltage frequency (Hz)				10kHz				
DC voltage (V)	1000V	1000V	1000V	1000V	1000V	1000V	1000V	1000V
Resistance (Ω)	60M Ω	40M Ω	60M Ω	40M Ω	60M Ω	60M Ω	60M Ω	60M Ω
Capacitance (F)	6mF	40mF	60mF	40mF	60mF	60mF	60mF	60mF
Frequency (Hz)	10kHz	10MHz	10MHz	10MHz	1MHz	10MHz	40MHz	40MHz
Temperature ($^{\circ}$ C)			-40 $^{\circ}$ C ~1000 $^{\circ}$ C		-40 $^{\circ}$ C ~1000 $^{\circ}$ C		-40 $^{\circ}$ C ~1000 $^{\circ}$ C	-40 $^{\circ}$ C ~1000 $^{\circ}$ C
Features								
Jaw opening	33mm	45mm	45mm	55mm	42mm	33mm	33mm	33mm
Display count	6000	4099	6099	4099	6000	6000	6000	6000
True RMS	●				●	●	●	●
Diode/continuity	●	●	●	●	●	●	●	●
Low battery indication	●	●	●	●	●	●	●	●
Data hold	●	●	●	●	●	●	●	●
Auto power off	●	●	●	●	●	●	●	●
LCD backlight	●	●	●	●	●	●	●	●
Duty cycle		●	●	●	●	●		●
NCV	●		●	●	●			
Auto range	●	●	●	●	●	●	●	●
Max/min		●	●	●	●	●	●	●
Relative mode		●	●	●	●	●	●	●
Flashlight		●	●	●	●			
Inrush current			●		●			●
LPF ACV					●			●
LoZ ACV					●	●	●	●
Flexible clamp (optional)					●			
Safety Features								
Drop test	1m	1m	1m	1m	1m	2m	2m	2m
Overvoltage category	CAT II 1000V/CATIII 600V				CAT III 1000V /CAT IV 600V	CAT III 1000V/CAT IV 600V		
Certificates	CE/UKCA /RoHS				CE/RoHS /cETLus	CE/RoHS/GS /cETLus	CE/RoHS/GS /cETLus	CE/RoHS/GS /cETLus







Digital AC/DC Clamp Meters





Models	UT211B	UT210E	UT210D	UT203+	UT204+	UT203R	UT204R	UT213C	
									
AC current (A)	60A	100A	200A	400A	600A	400A	600A	400A	
DC current (A)	60A	100A	200A	400A	600A	400A	600A	400A	
AC voltage (V)	600V	600V	600V	600V	600V	600V	600V	600V	
DC voltage (V)	600V	600V	600V	600V	600V	600V	600V	600V	
Resistance (Ω)	60M Ω	20M Ω	20M Ω	40M Ω	60M Ω	40M Ω	60M Ω	40M Ω	
Capacitance (F)	62mF	20mF	20mF	40mF	60mF	40mF	60mF	40mF	
Frequency (Hz)			60kHz	10MHz	10MHz	10MHz	10MHz	1MHz	
Temperature ($^{\circ}$ C)			-40 $^{\circ}$ C ~1000 $^{\circ}$ C		-40 $^{\circ}$ C ~1000 $^{\circ}$ C		-40 $^{\circ}$ C ~1000 $^{\circ}$ C	-40 $^{\circ}$ C ~1000 $^{\circ}$ C	
Features									
Jaw opening	17mm	17mm	17mm	28mm	28mm	28mm	28mm	30mm	
Display count	6000	2000	2000	4000	6000	4000	6000	4000	
True RMS	●	●	●	●	●	●	●	●	
Diode/continuity	●	●	●	●	●	●	●	●	
Low battery indication	●	●	●	●	●	●	●	●	
Data hold	●	●	●	●	●	●	●	●	
Auto power off	●	●	●	●	●	●	●	●	
LCD backlight	●	●	●	●	●	●	●	●	
Duty cycle				●	●	●	●	●	
NCV	●	●	●	●	●	●	●	●	
Auto range	●	●	●	●	●	●	●	●	
Max/min				●	●	●	●	●	
Relative mode				●	●	●	●	●	
Flashlight								●	
Zero mode	●	●	●	●	●	●	●	●	
VFC	●	●							
Safety Features									
Drop test	1m	1m	1m	1m	1m	1m	1m	1m	
Overvoltage category	CAT II 600V/CAT III 300V							CAT III 600V	
Certificates	CE/UKCA /cETLus	CE/UKCA /cETLus	CE/UKCA /cETLus			CE/UKCA /cETLus	CE/UKCA /cETLus	CE/UKCA /cETLus	

Digital AC/DC Clamp Meters







Models	UT216C	UT216D	UT207B	UT208B	UT220	UT221	UT222
							
AC current (A)	600A	600A	1000A	1000A	2000A	2000A	2500A
DC current (A)	600A	600A	1000A	1000A		2000A	2500A
AC voltage (V)	750V	750V	1000V	1000V	750V	750V	1000V
DC voltage (V)	1000V	1000V	1000V	1000V	1000V	1000V	1000V
Resistance (Ω)	60MΩ	60MΩ	60MΩ	60MΩ	20MΩ	66MΩ	60MΩ
Capacitance (F)	60mF	60mF	60mF	60mF			60mF
Frequency (Hz)	1MHz	1MHz	1MHz	1MHz		20MHz	60MHz
Temperature (°C)	-40°C~1000°C	-40°C~1000°C		-40°C~1000°C			-40°C~1000°C
Features							
Jaw opening	30mm	30mm	42mm	42mm	63mm	63mm	63mm
Display count	6000	6000	6000	6000	2000	6000	6000
True RMS	●	●	●	●		●	●
Diode/continuity	●	●	●	●	●	●	●
Low battery indication	●	●	●	●	●	●	●
Data hold	●	●	●	●	●	●	●
Auto power off	●	●	●	●	●	●	●
LCD backlight	●	OLED display	●	●	●	●	●
Duty cycle			●	●		●	●
NCV	●	●	●	●			
Auto range	●	●	●	●	●	●	●
Max/min	●	●	●	●	●	●	●
Relative mode	●	●	●	●		●	●
Flashlight	●	●	●	●			
Zero mode	●	●	●	●		●	●
VFC	●	●					
Inrush current	●	●	●	●		●	●
LPF ACV			●	●		●	●
LoZ ACV			●	●			
Flexible clamp (optional)				●			
3-phase motor sequence test							
V+A displays							●
Current output						●	●
Safety Features							
Drop test	1m	1m	1m	1m		1m	1m
Overvoltage category	CAT II 1000V /CAT III 600V	CAT II 1000V /CAT III 600V	CAT III 1000V/CAT IV 600V				
Certificates	CE/UKCA/cETLus	CE/UKCA/cETLus	CE/UKCA/cETLus	CE/UKCA/cETLus	CE/UKCA/cETLus		

Digital Power Clamp Meters

Models	UT219P	UT219PV
		
AC current (A)	1000A	999.9 A
DC current (A)		999.9 A
AC voltage (V)	1000V	999.9V/1500V
DC voltage (V)		999.9V/2500V
Resistance (Ω)		999.9 Ω /9.999K Ω /99.99k Ω
Capacitance (F)		100.0 μ F/1000 μ F
Power (DC)	1000KW	999.9kVA/2500kVA
Phase angle	-180° ~ 179.9°	
Power factor	-1 ~ 1	
Harmonic	40 times	
ACV_LPF		999.9V
ACA_LPF		999.9A
CSA~_LPF		30.00A/300.0A/3000A
Flex current probe (optional)		30.00A/300.0A/3000A
Frequency (Hz)	15.00Hz~999.9Hz	5.0Hz~999.9Hz
Temperature (°C)		-40°C~400°C
Features		
Jaw opening	75mm	35mm
Display count	9999	9999
True RMS		●
Diode/continuity		Diode
Auto range	●(Manual/Auto)	
Max/min	●	
Inrush current		●
LPF ACV		●
Flexible clamp (Optional)		●(up to 3000A)
3-phase motor sequence test	●(80~1000V; 40Hz~80Hz)	
V+A displays	●	●
PEAK		●
Bluetooth APP	●	●
High voltage alarm	●(red light)	●
Single-phase electric energy test	●	
Power measurement mode	1P2W/3P3W/3P4W	
Safety Features		
IP rating	IP54	IP65
Overvoltage category	CAT II 1000V/CATIII 600V	CAT III 1500V/CAT IV 600V
Certificates	CE/ETL/FCC	CE/ETL/ROHS/RED/FCC







Leakage Current






Models	UT251A	UT251C	UT253A	UT251C+
				
Leakage current (A)	0.001mA~60A	0.001mA~600A	0mA~1200A	3.000mA~60.0A
Voltage	0~600V	0~600V	0~600V	
Frequency response	50~60Hz	50~60Hz	50~60Hz	45Hz~1.2KHz
Harmonic test				21
Jaw size	30mm	30mm	80mm	40mm
True RMS				●
Display count	4000	4000	6000	6000
Display	LCD	LCD	LCD	HTN LCD; Dual display
Auto range	●	●		●
RS-232	●	●		
Bluetooth				●
Sample rate				2 times/s
Data storage	99	99	200	
Peak/Data hold	●	●	●	●
MAX/MIN				●
Overload protection	●	●		●
Auto power off	●	●	●	●
Flashlight				●
Backlight	●	●	●	●
Low battery indication	●	●	●	●
Over-range display	●	●	●	●
Low pass filter				●
CAT rating				CAT III 600V
Certificates				CE, ETL, FCC

Clamp Earth Resistance/Fork Meters








Models	UT273+	UT275	UT276A+	UT278A+	UT278C	UT278D
						
Ground resistance	0.00Ω~600Ω	0.01~1000Ω	0.01~590Ω	0.01~1200Ω	0.00Ω~1800Ω	0.00Ω~2000Ω
Current (AC)	0.000A~20A	0.000A~30A		0.000A~20A	0.000A~50A	0.000A~60A
Current Resolution	10uA	1mA		1mA	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
Jaw opening	32mm	28mm	32mm	32mm	68mm	68mm
Display	LCD	LCD	LCD (EBTN)	LCD (EBTN)	LCD	LCD
Measurement time	1 time/sec				1 time/sec	1 time/sec
USB data upload	●				●	●
Data storage	500 set	30 set	300 set	300 set	500 set	500 set
Power supply	AA alkaline battery x 4 pcs	1.5V battery(LR6) x 4	1.5V battery(LR6) x 4	1.5V battery(LR6) x 4	DC 3.7V Li-ion battery	DC 3.7V Li-ion battery
Overvoltage category	CAT III 300V, CAT IV 150V	CAT III 300V	CAT III 300V	CAT III 300V	CAT III 300V, CAT IV 150V	CAT III 300V, CAT IV 150V
Certificates		CE	CE/RoHS	CE/RoHS		

All models also have below features: Overload protection, Backlight, Alarm function, Auto power off.

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		
Certificates		CE/RoHS/cETLus		

Electrical Power Tool Model Selection

Models	UT281A	UT281C	UT281E	UT281E+	UT-CS09D
					
AC current (A)	30A/300A/3000A	30A/300A/3000A	30A/300A/3000A	9.99/99.9/999/9.99KA	30A/300A/3000A
Frequency response	45Hz~500Hz (sine wave)	45Hz~500Hz (sine wave)	45Hz~500Hz(sine wave)	10~1KHz	45Hz~500Hz(sine wave)
Inrush current	0.5A~3000A (for reference)	0.5A~3000A (for reference)	0.5A~3000A (for reference)	1000A	0.5A~3000A (for reference)
AC voltage (V)			600V	1000V	
DC voltage (V)				1000V	
Resistance (Ω)			60MΩ	60.00MΩ	
Frequency (Hz)			20Hz~30kHz: ±(1%+2)	10.00Hz~30.00kHz	
Features					
True RMS	●	●	●	●	
Display count	3000	3000	6000 (Current: 3000)	6000	
Flex coil size	10" (25.4cm) radius:1.5" (3.8cm)	18" (45.7cm) radius:3.1" (8cm)	18" (45.7cm) radius:3.1" (8cm)	43.30" (1100mm) radius: 6.26" (15.92cm)	18" (45.7cm) radius:3.1" (8cm)
Refresh rate	3 times/s	3 times/s	3 times/s	3 times/s	
Display interface (LCD)	Single	Single	Dual	Dual	
Data hold/Buzzer	●	●	●	●	
Data storage				999 sets	
Auto power off	●	●	●	●	
Low battery indication	●	●	●	●	
Backlight	●	●	●	●	
2m drop test	●	●	●		1m
IP rating	IP54	IP54			
Overvoltage rating	CAT IV 600V	CAT IV 600V	CAT IV 600V	CAT III 1000V/CAT IV 600V	CAT IV 600V
Certificates	CE/RoHS/cETLus	CE/RoHS/cETLus	CE/RoHS/cETLus	CE/RoHS/cETLus	CE/RoHS/cETLus

Insulation Resistance Testers









Models	UT503PV	UT505A	UT505B	UT501E	UT501A	UT501B	UT502A
Insulation test voltage (V)	1000V (PV+IR)	1000V	1000V	1000V	1000V	1000V	2500V
Insulation resistance	4GΩ (PV+IR)	20GΩ	200GΩ	4GΩ	5GΩ	5GΩ	20GΩ
Short-circuit current	<1.5mA (IR) <1.2mA (PV)	<2mA	<2mA	<2mA	<2mA	<2mA	<2mA
Comparison function	●	●	●	●			
Polarization index (PI)		●	●	●		●	●
Dielectric absorption ration (DAR)		●	●	●		●	●
Time setting function	●	●	●				
AC voltage (V)	1000V	600V	600V	600V	750V	750V	750V
DC voltage (V)	600V	600V	600V	600V			
Resistance (Ω)			10MΩ				
Low resistance (Continuity)		20kΩ	100Ω	200Ω		200Ω	200Ω
Capacitance (F)			500μF				
Frequency			1kHz				
Data hold	●	●	●	●	●		
LCD backlight	●	●	●	●	●	●	●
Step voltage	●	●	●				
Auto discharge	●	●	●	●	●	●	●
Auto range	●	●	●	manual/auto	●	●	●
High voltage prompt	●	●	●	●	●	●	●
Over load prompt	●	●	●	●	●	●	●
USB interface	●						
Bluetooth app	●			●			
Data storage	1000	99	99	99			
Analog bar	●	●	●	●			
Audible/visual alarm	Visual alarm	●	●	Visual alarm	●	●	●
Low battery indication	●	●	●	●	●	●	●
Auto power off	●	●	●	●	●	●	●
Energized device test	●						
Display count	4200			4200			
Fast measurement				2.5 times			
Safety rating	CAT II 1000V /CAT III 600V	CAT III 1000V/CAT IV 600V		CAT III 600V	CAT III 600V	CAT III 600V	CAT III 600V
Certificates	CE/RoHS	CE/RoHS/cETLus				CE/RoHS	

Insulation Resistance Testers

Models	UT511	UT512	UT513A	UT512D	UT512E	UT513B	UT513C	UT516B
								
Insulation test voltage (V)	1000V	2500V	5000V	2500V	2500V	5000V	5000V	12000V
Insulation resistance	10GΩ	100GΩ	1TΩ	1TΩ	2.5TΩ	2TΩ	5TΩ	10TΩ
Short-circuit current	<2mA	<1.8mA	>3mA	3.5mA	5mA	>3.5mA	5mA	5mA
Comparison function	●	●	●	●	●	●	●	●
Polarization index (PI)	●	●	●	●	●	●	●	●
Dielectric absorption ratio (DAR)	●	●	●	●	●	●	●	●
Time setting function	●	●	●	●	●	●	●	●
AC voltage (V)	750V	600V	600V	750V	750V	750V	750V	750V
DC voltage (V)	1000V	600V	600V	1000V	1000V	1000V	1000V	1000V
Low resistance (Continuity)	1000Ω				600Ω			
Capacitance (F)					2μF		0.01uF~15.0uF	
Data hold							●	
LCD backlight	●	●	●	●	●	●	●	●
Step voltage				●	●	●	●	●
Auto discharge	●	●	●	●	●	●	●	●
Auto range	●	●	●	Manual	Auto			●
High voltage prompt	●	●	●	●	●	●	●	●
Over load prompt	●	●	●	●	●	●	●	●
USB interface		●	●	●	●	●	●	●
Bluetooth app							●	
Data storage	18	18	18	999	999	999	999	999
Analog bar	●	●	●	●	●	●	●	●
Audible/visual alarm	●	●	●	●	●	●	●	●
Low battery indication	●	●	●	●	●	●	●	●
Auto power off	●	●	●	●	●	●	●	●
Rechargeable battery					●	●	●	
Safety rating	CAT III 600V	CAT III 600V	CAT III 600V	CAT IV 600V	CAT IV 600V	CAT III 600V	CAT III 600V	CAT III 1000V /CAT IV 600V
Certificates	CE/RoHS	CE/RoHS	CE/RoHS	CE/UKCA	CE/UKCA	CE/UKCA	CE/UKCA	




Digital Earth Testers/Cable Testers

Models	UT572	UT521	UT522
			
Earth resistance	40kΩ	2kΩ	4kΩ
AC earth voltage		200V	400V
Frequency		50Hz/60Hz	50Hz/60Hz
Data hold	●	●	●
Data storage	20	20	20
LCD backlight	●	●	●
Poor contact display		●	●
Over-range display	●	●	●
2-wire testing	●	●	●
3-wire testing	●	●	●
4-wire testing	●		
Soil resistivity	●		
Disturbance voltage	1-50V		
Disturbance frequency	40-500Hz		
Earth resistance RH and RS test	●		
Compensating resistance RK test	●		
Category ratings	CAT III 300V	CAT III 600V	CAT III 600V
Certificates	CE	CE/RoHS	CE/RoHS

Models	UT681L	UT681C	UT681HDMI
			
To test for: RJ45/RJ11	●		
To test for: RJ45/RJ11/BNC		●	
To test for: HDMI/MINI-HDMI			●
Fast test mode	LED1~LED8, LED_G	LED1~LED8, LED_G	
Slow test mode	LED1~LED8, LED_G	LED1~LED8, LED_G	
Scan test mode			LED1~LED19, LED_S
Full display test mode			LED1~LED19, LED_S
To test for the case of short circuit, crossover, open circuit, etc.	●	●	●
Ethernet cable: shielded/unshielded test	●	●	●
Manual shutdown function	●	●	●
Auto shutdown function	●	●	●
Certificates	CE/RoHS	CE/RoHS	CE/RoHS




Micro Ohm Meters





Models	UT620C	UT620A	UT620C+
			
Resistance range	0.001mΩ~300.0kΩ	0.01mΩ~6.000kΩ	0.001mΩ~300.0kΩ
Measurement methods	Four-wire method	Four-wire method	Four-wire method
Product type	Portable & Compact	Hand-held	Portable & Compact
Test current	≥1A		≥1A
Open circuit voltage	≤4.2V		≤4.2V
Input protection			≤36V AC/DC
Data storage	500 set	1000 set	500 set
Display type	LCD (71 x 52mm)	LCD screen (116 x 87.5mm)	LCD
REL (Zero)		●	
HOLD	●	●	●
Comparison function		●	
Data communication	Micro USB	Type A	Type C
Backlight & APO	●	●	●
Low battery indication	●	●	●
IP rating			IP54
Certificate	ROW	ROW	CE

Micro Ohm Meters






Models	UT623A	UT625A	UT625B
			
Resistance	100A	100A	200A
Test method	Four-line Kelvin test;	Four-line Kelvin test;	Four-line Kelvin test;
Product type	Hand-held	Desktop	Desktop
Test current	1. 5A~100A DC (R<2mΩ); 2. Stepping current: 5A/time;	1. 5A~100A DC (R<2mΩ); 2. Stepping current: 10A/time;	1. 5A~200A DC (R<2mΩ); 2. Stepping current: 10A/time;
Test duration	1. 100A: up to 60 seconds; 2. 50A: up to 180 seconds;	1. 100A: up to 60 seconds; 2. 50A: up to 120 seconds;	1. 200A: up to 60 seconds; 2. 100A: up to 120 seconds;
Output power	up to 25W	up to 280W	up to 200W
Data storage	200 sets	200 sets	200 sets
Display	5" LCD color screen	7" LCD color screen	7" LCD color screen
Open circuit protection	YES (voltage: 2.5V DC)	YES (voltage: 10V DC)	YES (voltage: 10V DC)
Overheating protection	YES	YES	YES
Comparison function	●	●	●
Data communication	USB & BT	USB & BT	USB & BT
Backlight	●	●	●
Low battery indication	●		
IP rating	IP54		
Certificates	CE	CE/RoHS	CE/RoHS







Digital RCD Testers

Models	Range	UT582+	UT586+
			
RCD measurement	Rated operating current	Trip time	Trip time
X 1/2	10mA~1000mA	2000ms	10~1000mA: 2000ms
X 1	10mA~300mA	1000ms	10~300mA: 2000ms
	500mA	300ms	500~1000mA: 200ms
X 2	10~1000mA		500ms
X 5	10mA~30mA	40ms	10mA~200mA: 200ms
AUTO RAMP	10mA~500mA	300ms	10~1000mA: 300ms
Operating voltage (Freq.)		195V~253V	100V~440V
Voltage test	30~480V; 45Hz~65Hz		
Features			
Display count		999	
Voltage test		L-N & L-PE & Hz	L-N & L-PE & Hz
Low battery indication		<7.2V	<7.2V
APO		●	●
LCD backlight		●	●
Data hold		●	●
Phase angle selection		0° and 180°	0° and 180°
Connections check		Simultaneously test the trip time and trip current	Simultaneously test the trip time and trip current
Disconnect buzzer		●	●
Over-range display		OL	> MAX value
Fused		●	●
Mis-operation buzzer		●	●
Power off buzzer		●	●
Overvoltage category		CAT III 600V	CAT III 300V
Certificates		CE	CE/RoHS

Wire Trackers





Models		UT682	UT682D	UT683KIT
				
Wire types		LAN cable\telephone line \coaxial cable\electric wire	Telephone line\twisted-pair \electric wire	LAN cable\telephone line \coaxial cable\electric wire
Transmitter	Port flashing			•
	Wire tracking	•	•	•
	Line alignment	•		•
	Continuity	•	•	•
	Polarity test	•	•	•
	Ringing signal test		•	•
	Low battery indication	•	•	•
	Input protection	•	•	•
	Auto power off			•
	Power	9V battery	9V battery	1050mAh lithium battery
Receiver	Wire tracking	•	•	•
	NCV function			•
	Flashlight			•
	Headset jack	•	•	•
	Low battery indication	•	•	•
	Auto power off			•
	Power	9V battery	9V battery	1050mAh rechargeable lithium battery
Certificates		CE/RoHS	CE/RoHS	CE/RoHS

Laser Levelers


Models	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 wavelength	635nm	520nm	520nm	520nm	520nm	520nm
Laser class	Class II	Class II	Class II	Class II	Class II	Class II
Laser lines	1V1H	1V1H	3D 12 lines	3D 12 lines	3D 16 lines	8 lines
Laser accuracy	±3mm/10m	<±3mm/10m	±3mm/10m	±3mm/10m	±3mm/10m	±3mm/10m
Wall mount bracket	●	●	●(LM312)	●(LM312)	●(LM312)	
Tripod mount						●
Lifting platform						●
Expanded angle	H110°/V110°	V≥120°, H≥120°	360°	360°	360°	H360°/V120°
Self-leveling time	≤3s	≤3s	≤3s	≤3s	≤3s	≤3s
Self-leveling range	3°±1°	3°±1°	3°±1°	3°±1°	±3°	±3°
Self-leveling alarm	●	●	●	●	●	●
Outdoor pulse mode			●	●	●	●
Remote control			●	●	●	●
Operating distance	15m-30m	10m	40m	40m	30m	30m
Size of screw hole	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"
Battery capacity	2x1.5V LR6 AA	2x1.5V LR6 AA	3.7VLi-ion battery 5200mAh /Type-C DC-in port	3.7VLi-ion battery 5200mAh /Type-C DC-in port	3.7VLi-ion battery 5200mAh /Type-C DC-in port	3.7VLi-ion battery 5200mAh /Type-C DC-in port
Working hours	>12h (All lasers on)	4h	>6h	>6h	>4h	>4h
Certificates	CE	CE	CE	CE	CE	

Laser Levelers





Models	LM573R	LM575R	LM576R	LM585R
				
Laser type	SHARP red LD	SHARP red LD	SHARP red LD	SHARP red LD
Laser wavelength	635nm±10nm	635nm±10nm	635nm±10nm	635nm±10nm
Laser class	Class II	Class II	Class II	Class II
Laser lines	12 lines	12 lines	16 lines	8 lines
Laser accuracy	±3mm/10m	±3mm/10m	±3mm/10m	±3mm/10m
Wall mount bracket	●	●	●	Tripod mount
Expanded angle	360°	360°	360°	Horizontal: 360°, vertical: 120°
Self-leveling time	≤3s	≤3s	≤3s	≤3s
Self-leveling range	3°±1°	3°±1°	3°±1°	3°±1°
Self-leveling alarm	●	●	●	●
Outdoor pulse mode	3 scales brightness adjustable	3 scales brightness adjustable	3 scales brightness adjustable	3 scales brightness adjustable
Remote control	●	●	●	●
Operating distance	30m	30m	30m	30m
Size of screw hole	1/4"	1/4"	1/4"	1/4"
Battery capacity	3.7V Li-ion battery 6000mAh	3.7V Li-ion battery 6000mAh	3.7V Li-ion battery 6000mAh	3.7V Li-ion battery 6000mAh
Working hours	>30h	>30h	>30h	>30h

Laser Distance Meters

Models	LM40T	LM60T	LM50A	LM70A	LM100A	LM120A
						
Display type	LCD	EBTN	TN	TN	TN	TN
LCD size (inch)	1.2	1.2	2.0	2.0	2.0	2.0
Range (m)	40m laser; 5m tape	60m laser, 5m tape	50m	70m	100m	120m
Measurement basis	Rear	front/rear	Front/ rear	Front/ rear	Front/ rear	Front/ rear
Data storage		20 sets	99 sets	99 sets	99 sets	99 sets
Double bubble leveler			●	●	●	●
Single measurement	●	●	●	●	●	●
Continuous measurement	●	●	●	●	●	●
Max/Min/Area		●	●	●	●	●
Volume		●	●	●	●	●
Add/Subtract			●	●	●	●
Pythagoras		●	●	●	●	●
USB charging		●				
Measurement unit	m/ft	m / ft / in / ' "	m / ft / in / ' "	m / ft / in / ' "	m / ft / in / ' "	m / ft / in / ' "
Accuracy	±2mm	±2mm	±2mm	±2mm	±2mm	±2mm
Laser class	CLASS II	CLASS II	CLASS II	CLASS II	CLASS II	CLASS II
Laser type	630-670nm, <1mW	630-670nm, <1mW	630-670nm, <1mW	630-670nm, <1mW	630-670nm, <1mW	630-670nm, <1mW
Auto power off	●	●	●	●	●	●
Battery status display	●	●	●	●	●	●
Battery type	2xAAA 1.5V	350mAh	2xAAA 1.5V	2xAAA 1.5V	2xAAA 1.5V	2xAAA 1.5V
Certificates	CE	CE/FDA	CE	CE	CE	CE





Laser Distance Meters

Models	LM40Mi	LM60Mi
		
Measurement range	0.05~40m	0.05~60m
Precision	$\pm(2\text{mm}+d \times 1/10000)$	$\pm(2\text{mm}+d \times 1/10000)$
Continuous measurement	●	●
Metope area measurement	●	●
Area/Volume measurement	●	●
Perimeter measurement	●	●
Single measurement	●	●
Min/Max	●	●
Laser level	CLASS II	CLASS II
Laser type	630-670nm, <1mW	630-670nm, <1mW
Automatically cut off laser	20s (single measurement)	20s (single measurement)
Auto power off	150s	150s
Charging specification	DC5V 0.35A	DC5V 0.35A
Measurement times in full charge	8000 times for single measurement	8000 times for single measurement
Certificates	CE	CE






Angle Meters

Models	LM320A	LM320B
		
Measurement range	4x90°	4x90°
Accuracy	± 0.2°	± 0.2°
Resolution	0.01°	0.01°
Display	EBTN	EBTN
Laser indication		Two-side lasers
Battery Capacity	3.7V Lithium battery (300mAh)	3.7V Lithium battery (300mAh)
Charging	Type-C charging Interface	Type-C charging Interface
Working Time	2h	2h
Magnet base	Two sides	Four sides
Auto power off	●	●
Relative/Absolute Measurement	●	●
Certificates	CE	CE


Laser Rangefinders

Models	LM600	LM1000	LM1500	LM2000
				
Distance range	5~600yd	5~1000yd	5~1500yd	2000m
Accuracy	$\pm 1\text{yd} \pm \text{DX} 0.2\%$	$\pm 1\text{yd} \pm \text{DX} 0.2\%$	$\pm 1\text{yd} \pm \text{DX} 0.2\%$	$\pm (0.3\text{m} + 0.001 \times \text{Dm})$
Measuring unit	yd	yd	yd	m/yd/ft
Magnification	7X	7X	7X	8X
Diameter	object lens diameter 24mm	object lens diameter 24mm	object lens diameter 24mm	object lens diameter 23mm eyepiece diameter 31mm exit pupil diameter 3.8mm
Height	250yd	450yd	600yd	●
Height accuracy	$\pm 0.5\text{yd}$	$\pm 0.5\text{yd}$	$\pm 0.5\text{yd}$	
Velocity range	0-300km/h	0-300km/h	0-300km/h	●
Angle	$\pm 45^\circ$	$\pm 45^\circ$	$\pm 45^\circ$	$-90^\circ \sim 90^\circ$
Angle accuracy	$\pm 1^\circ$	$\pm 1^\circ$	$\pm 1^\circ$	tilt angle accuracy $\pm 0.5^\circ$
Flagpole lock	●	●	●	●
Continuous measurement	●	●	●	●
Two-point vertical height measurement mode				●
Two-point distance measurement mode				●
Horizontal measurement	●	●	●	●
Fast distance measurement	●	●	●	●
LCD display	●	●	●	Black(red) bicolor
Auto power off	●	●	●	●
Tripod mounting hole	●	●	●	●
Power	3.7V Li-ion battery 1500mAh	3.7V Li-ion battery 1500mAh	3.7V Li-ion battery 1500mAh	2000mAh Lithium battery
Certificates	CE	CE	CE	CE

Laser Rangefinders

Models	LM600A	LM800A	LM1000A	LM1200A	LM1500A
					
Distance range	3-600m	3-800m	3-1000m	3-1200m	3-1500m
Accuracy	±1m ± range x 0.2%	±1m ± range x 0.2%	±1m ± range x 0.2%	±1m ± range x 0.2%	±1m ± range x 0.2%
Magnification	6X	6X	6X	6X	6X
Diopter adjustment range	±6°	±6°	±6°	±6°	±6°
Height	250m	300m	450m	500m	600m
Horizontal measurement	●	●	●	●	●
Flagpole lock	●	●	●	●	●
Golf trajectory compensation mode	●	●	●	●	●
Speed range	18~300Km/h	18~300Km/h	18~300Km/h	18~300Km/h	18~300Km/h
Angle	±45°	±45°	±45°	±45°	±45°
Objective aperture	21.5mm	21.5mm	21.5mm	21.5mm	21.5mm
Eyepiece aperture	15mm	15mm	15mm	15mm	15mm
Exit pupil diameter	3.7mm	3.7mm	3.7mm	3.7mm	3.7mm
Angle error	±1°	±1°	±1°	±1°	±1°
Slope measurement	●	●	●	●	●
Height measurement	●	●	●	●	●
Volume measurement	●	●	●	●	●
Area measurement	●	●	●	●	●
Angle measurement	●	●	●	●	●
Auto power off	●	●	●	●	●
Laser class	Class 1	Class 1	Class 1	Class 1	Class 1
Laser wavelength	905nm	905nm	905nm	905nm	905nm
Operating temperature	-10°C~50°C	-10°C~50°C	-10°C~50°C	-10°C~50°C	-10°C~50°C
Certificates	CE/UKCA	CE/UKCA	CE/UKCA	CE/UKCA	CE/UKCA

Laser Rangefinders

Models	LM600G	LM800G	LM1000G	LM1200G	LM1500G
					
Distance range	3-600m	3-800m	3-1000m	3-1200m	3-1500m
Accuracy	$\pm 1m \pm \text{range} \times 0.2\%$	$\pm 1m \pm \text{range} \times 0.2\%$	$\pm 1m \pm \text{range} \times 0.2\%$	$\pm 1m \pm \text{range} \times 0.2\%$	$\pm 1m \pm \text{range} \times 0.2\%$
Measuring unit	m/yd	m/yd	m/yd	m/yd	m/yd
Magnification	6X	6X	6X	6X	6X
Diameter	object lens diameter 19mm eyepiece diameter 15mm exit pupil diameter 3.7mm				
Height	250m	300m	450m	500m	600m
Height accuracy	$\pm 0.5m$	$\pm 0.5m$	$\pm 0.5m$	$\pm 0.5m$	$\pm 0.5m$
Velocity range	0-300km/h	0-300km/h	0-300km/h	0-300km/h	0-300km/h
Horizontal measurement	●	●	●	●	●
Angle	$\pm 60^\circ$	$\pm 60^\circ$	$\pm 60^\circ$	$\pm 60^\circ$	$\pm 60^\circ$
Angle accuracy	$\pm 1^\circ$	$\pm 1^\circ$	$\pm 1^\circ$	$\pm 1^\circ$	$\pm 1^\circ$
Charging interface	Type-C	Type-C	Type-C	Type-C	Type-C
Pulse laser	Class 1	Class 1	Class 1	Class 1	Class 1
Fast distance measurement	●	●	●	●	●
LCD display	●	●	●	●	●
Auto power off	●	●	●	●	●
Flagpole lock	●	●	●	●	●
Golf trajectory compensation mode	●	●	●	●	●
Slope measurement	●	●	●	●	●
Power	3.7V 750mAh lithium battery	3.7V 750mAh lithium battery	3.7V 750mAh lithium battery	3.7V 750mAh lithium battery	3.7V 750mAh lithium battery
Certificates	CE	CE	CE	CE	CE

Infrared Thermometers

Models	UT300A+	UT306S	UT306C	UT301A+	UT301C+	UT301D+	UT302A+
							
Temperature range	-20°C~400°C	-50°C~500°C	-50°C~500°C	-32°C - 420°C	-32°C - 600°C	-32°C - 600°C	-32°C - 700°C
Accuracy	±2.0°C or ±2%	±2.0°C or ±2%	±2.0°C or ±2%	±1.5°C or ±1.5%	±1.5°C or ±1.5%	±1.5°C or ±1.5%	±1.5°C or ±1.5%
D:S ratio	10 : 1	12 : 1	12 : 1	12 : 1	12 : 1	12 : 1	20 : 1
Laser type	Single laser	Single	Ring laser	Single laser	Ring laser	Dual laser	Single laser
LCD type	TN	TN	EBTN	EBTN	EBTN	EBTN	EBTN
Emissivity	0.95 (fixed)	0.1~1.0 (adjustable)	0.1~1.0 (adjustable)	0.1~1.0 (adjustable)	0.1~1.0 (adjustable)	0.1~1.0 (adjustable)	0.1~1.0 (adjustable)
Laser type	Class 2	Class 2	Class 2	Class 2	Class 2	Class 2	Class 2
Laser power	<1mW	<1mW	<1mW	<1mW	<1mW	<1mW	<1mW
Response time	500ms	250ms	250ms	250ms	250ms	250ms	250ms
Spectral response	5.5μm - 14μm	8μm - 14μm	8μm - 14μm	8μm - 14μm	8μm - 14μm	8μm - 14μm	8μm - 14μm
Battery type	2x1.5VAAA	1.5VAAAx2	1.5VAAAx2	9V	9V	9V	9V
Auto power off	●	●	●	●	●	●	●
Low battery indication	●	●	●	●	●	●	●
Data hold	●	●	●	●	●	●	●
Unit conversion (°C/°F)	●	●	●	●	●	●	●
MAX/MIN/AVG/DIF mode		●	●	●	●	●	●
Lock measurement		●	●	●	●	●	●
High/low temperature LED alarm				●	●	●	●
High/low temperature audible alarm		●	●	●	●	●	●
Data storage					99sets	99sets	
Schedule measurement					●	●	
Backlight	●	●	●	●	●	●	●
Drop test	1m	1m	1m	1m	1m	1m	1m
Certificates	CE/UKCA		CE/UKCA	CE/UKCA	CE/UKCA	CE/UKCA	CE/UKCA

Infrared Thermometers

Models	UT302C+	UT302D+	UT303A+	UT303C+	UT303D+	UT309A	UT309C	UT309E
								
Temperature range	-32°C - 1100°C	-32°C - 1100°C	-32°C - 800°C	-32°C - 1300°C	-32°C - 1300°C	-35°C - 450°C	-35°C - 650°C	-35°C - 850°C
Accuracy	±1.5°C or ±1.5%	±1.5°C or ±1.5%	±1.5°C or ±1.5%	±1.5°C or ±1.5%	±1.5°C or ±1.5%	±1.8°C or ±1.8%	±1.8°C or ±1.8%	±1.8°C or ±1.8%
D:S ratio	20 : 1	20 : 1	30 : 1	30 : 1	30 : 1	10 : 1	12 : 1	20 : 1
Laser type	Ring laser	Dual laser	Single laser	Ring laser	Dual laser	Single laser	Dual laser	Dual laser
LCD type	EBTN	EBTN	EBTN	EBTN	EBTN	TN	TN	EBTN
Emissivity	0.1~1.0 (Adjustable)	0.1~1.0 (Adjustable)	0.1~1.0 (Adjustable)	0.1~1.0 (Adjustable)	0.1~1.0 (Adjustable)	0.95 (fixed)	0.1~1.0 (Adjustable)	0.1~1.0 (Adjustable)
Laser type	Class 2	Class 2	Class 2	Class 2	Class 2	Class 2	Class 2	Class 2
Laser power	<1mW	<1mW	<1mW	<1mW	<1mW	<1mW	<1mW	<1mW
Response time	250ms	250ms	250ms	250ms	250ms	250ms	250ms	250ms
Spectral response	8μm - 14μm	8μm - 14μm	8μm - 14μm	8μm - 14μm	8μm - 14μm	8μm - 14μm	8μm - 14μm	8μm - 14μm
Battery type	9V	9V	9V	9V	9V	9V	9V	9V
Auto power off	●	●	●	●	●	●	●	●
Low battery indication	●	●	●	●	●	●	●	●
Data hold	●	●	●	●	●	●	●	●
Unit conversion (°C/°F)	●	●	●	●	●	●	●	●
MAX/MIN/AVG/DIF mode	●	●	●	●	●	●	●	●
Lock measurement	●	●	●	●	●	●	●	●
High/Low temperature LED alarm	●	●	●	●	●	●	●	●
High/Low temperature audible alarm	●	●	●	●	●			
Data storage	99sets	99sets		99sets	99sets			99sets
Schedule measurement	●	●		●	●			●
Backlight	●	●	●	●	●	●	●	●
Drop test	1m	1m	1m	1m	1m	3m	3m	3m
IP rating						IP65	IP65	IP65
Certificates	CE/UKCA	CE/UKCA	CE/UKCA	CE/UKCA	CE/UKCA	CE/UKCA	CE/UKCA	CE/UKCA





Infrared Thermometers

Models	UT305S	UT305A+	UT305C+
			
Temperature range	-50°C~2000°C	-50°C~1850°C	-50°C~2200°C
Accuracy	±1.0°C or ±1.0%	±1.0°C or ±1.0%	±1.0°C or ±1.0%
D:S ratio	50 : 1	55 : 1	55 : 1
Laser type	Single	Single	Single
LCD type	EBTN	EBTN	EBTN
Emissivity	0.1~1.0 (Adjustable)	0.1~1.0 (Adjustable)	0.1~1.0 (Adjustable)
Laser type	Class 2	Class 2	Class 2
Laser power	<1mW	<1mW	<1mW
Response time	250ms	250ms	250ms
Spectral response	8μm - 14μm	8μm - 14μm	8μm - 14μm
Battery type	9V	3.7V Lithium battery	3.7V Lithium battery
Auto power off	●	●	●
Low battery indication	●	●	●
Data hold	●	●	●
Unit conversion (°C/°F)	●	●	●
MAX/MIN/AVG/DIF mode	●	●	●
Lock measurement	●	●	●
High/Low temperature LED alarm	●		
High/Low temperature audible alarm	●	●	●
Data storage		999groups	999groups
Schedule measurement		●	●
Backlight	●	●	●
Drop test	1m	1m	1m
Certificates	CE/UKCA	CE/UKCA	CE/UKCA



Temperature Humidity Meters

Models	UT331+	UT332+	UT333	UT333BT	UT333S
					
Measuring mode	All-in-one	All-in-one	All-in-one	All-in-one	Spilt type
Temperature	-20°C~70°C	-20°C~70°C	-10~60°C	-10~60°C	-10~60°C
Dew point temperature	-78.2°C~70°C	-78.2°C~70°C			
Wet bulb temperature	-21.6°C~70°C	-21.6°C~70°C			
Temperature resolution	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
Humidity range	0%RH~100%RH	0%RH~100%RH	0%RH~100%RH	0%RH~100%RH	0%RH~100%RH
Humidity resolution	0.1%RH	0.1%RH	0.1%RH	0.1%RH	0.1%RH
Data storage	299sets	999sets			
Auto power off	●	●	●	●	●
APP/Bluetooth				●	
USB communication	●	●			
Unit conversion (°C/°F)	●	●	●	●	●
Humidity/temperature offset settings	●	●			
Data hold	●	●	●	●	●
Data recall	●	●			
LCD backlight	●	●	●	●	●
Certificates	CE	CE	CE	CE	CE/UKCA




Temperature Humidity Meters

Models	UT330C	UT330T	UT330TH	UT330THC
				
Temperature range	-40~80°C	-30~70°C	-30~70°C	-30~70°C
Temperature accuracy	±0.5°C (0°C~40°C)	±0.4°C (-20°C~40°C)	±0.4°C	±0.4°C
Humidity range	0%RH~100%RH		0%RH~99.9%RH	0%RH~99.9%RH
Humidity accuracy	±3.0%RH (20%RH~80%RH)		±2.5%RH	±2.5%RH
Atmospheric pressure	750hPa~1100hPa			
Data storage	60000 sets	64000 sets	64000 sets	64000 sets
Auto power off	●	●	●	●
Mobile APP function				● (Type-C port)
USB interface	Type-A	Type-A	Type-A	Type-C
PC software	●	●	●	●
Unit conversion (°C/°F)	●	●	●	●
Humidity/temperature offset settings	●	●	●	●
LED alarm	●	●	●	●
Battery life		140 days	140 days	140 days
Mounting way	Holder	Holder	Holder	Holder
Data storage	IP67	IP65		
Certificates	CE/UKCA	CE/UKCA	CE/UKCA	CE/UKCA

Temperature Humidity Meters

Models	A56 BT	A57 BT
		
Sensor	Internal digital T&H module	Internal NTC Temperature Sensor External T&H sensor External NTC Temperature Sensor(optional)
Temperature range	-40~85°C	-40~85°C
Temperature accuracy	±0.3°C (0°C ≤ t ≤ 60°C)	Internal NTC Temperature Sensor: ±0.4°C (0°C ≤ t ≤ 60°C) External T&H sensor: ±0.3°C (0°C ≤ t ≤ 60°C) External NTC Temperature Sensor: ±0.5°C (-20°C ≤ t ≤ 40°C)
Humidity range	0%RH~100%RH	0%RH~100%RH
Humidity accuracy	±2.5%RH	±2.5%RH
Data storage	64000	64000
Auto power off	●	●
APP/Bluetooth	●	●
PC Software	●	●
USB interface	Type-C	Type-C
Unit conversion (°C/°F)	●	●
LCD backlight	●	●
LED alarm	●	●
Audible alarm	●	●
IP rating	IP54	IP54
Battery life	2 years	2 years
Mounting way	Rear magnetic or Wall mounting	Rear magnetic or Wall mounting
Certificates	CE	CE



Coating Thickness Guages

Models	UT343A	UT343D	UT343E
			
Measuring range	0~1750μm	0~1250μm	0~2000μm
Accuracy	±(3%H+1)μm	±(3%H+1)μm	±(2%H+2μm)
Resolution	0.1μm (0~99.9μm); 1μm (100~1750μm)	0.1μm (0~99.9μm); 1μm (100~1250μm)	0.1μm (0~99.9μm); 1μm (100~2000μm)
Measurement method	Single/Continuous	Single/Continuous	Single/Continuous
Measurement mode	Max/Min/Avg	Max/Min/Avg	Max/Min/Avg
Metal type	Auto/ferrous/non-ferrous	Auto/ferrous/non-ferrous	Auto/ferrous/non-ferrous
Display type	EBTN	EBTN	EBTN
Auto rotatable screen	●	●	●
Unit conversion	μm/mil	μm/mil	μm/mil
Audio alarm	●	●	●
LED alarm	●	●	●
PC analysis software		●	●
Bluetooth app function			●
Quick test mode	●		●
Data storage	199sets	500 sets	3300 sets
Auto power off	●	●	●
Low battery indication	●	●	●
Power	1.5V AAA x 2=3V alkaline batteries	1.5V AA battery (LR6) x 2	3.7V 1300mAh Lithium battery
Certificates	CE/UKCA	CE/UKCA	CE/UKCA




Vibration Testers

Models		UT311A	UT312A	UT315A
				
Acceleration (o-p)	Range	0.1~199.9m/s ²	0.1~199.9m/s ²	0.1~199.9m/s ²
	Frequency	10Hz~1kHz (Lo) 1kHz~15kHz (Hi)	10Hz~1kHz (Lo) 1kHz~15kHz (Hi)	10Hz~10kHz
	Accuracy	0.1~199.9mm/s	0.1~199.9mm/s	0.1~199.9mm/s
Velocity (RMS)	Range	0.1~199.9mm/s	0.1~199.9mm/s	0.1~199.9mm/s
	Frequency	10Hz~1.5kHz	10Hz~1.5kHz	10Hz~1kHz
	Accuracy	±5%+2dgts	±5%+2dgts	±5%+2dgts
Displacement (p-p)	Range	1~1999um	1~1999um	1~1999um
	Frequency	10Hz~1kHz	10Hz~1kHz	10Hz~500Hz
	Resolution	1um	1um	1um
	Accuracy	±10%+2dgts	±10%+2dgts	±5%+2dgts
Display		2.4" TFT screen	2.4" TFT screen	LCD backlight screen
High/low frequency acceleration mode		●	●	
Auto power off		●	●	●
Probes		Long and short probes	Long and short probes, magnetic sucker	Long and short probes, magnetic sucker
Rotatable display		●	●	
Flashlight		●	●	
USB interface		Type-C	Type-C	Micro USB
PC software				●
Power		3.7V_1350mA lithium battery	3.7V_1350mA lithium battery	9V battery (6F22)
Battery life		About 12h	About 12h	About 8h
Certificates		CE/UKCA	CE/UKCA	CE

Air Quality Monitors

Models	A37 CO2 meter	A25D PM2.5 meter
		
Measure range accuracy	CO2 ppm 400ppm~5000ppm ±(5% + 50ppm) from 400ppm~2000ppm	PM2.5 ug/m ³ 0~100 ±(10%+10dgts) 101~400 ±(10%+30dgts) 401~500 ±(10%+50dgts)
Temperature range accuracy	-10.0°C~50.0°C Typical accuracy: ±1°C	-10~+50°C ±1°C /±1.8°F
Humidity range accuracy	0%RH~99%RH ±5%RH (10%RH~90%RH) at 25°C	5%~99%RH ±5%RH@30%~80%RH ±8%RH@<30%RH, >80%RH
Auto power off	●	●
Low battery indication	●	●
LCD backlight	●	●
Concentration emoticon		●
Sensor type	NDIR (no-dispersive infrared) CO2 sensor	Precise PM2.5 concentration based on pre-calibrated sensors
Max hold	●	
Warning indication	Audible and visual alarm	Red backlight alarm
Temperature display	●	●
Date/time	●	
Automatic baseline correction	●	
Power	3.7V DC Li-ion battery /Micro USB charging port	1500mAh rechargeable polymer battery
Certificates	CE	CE

Sound Meters

Models	UT352	UT353	UT353BT
			
Measuring mode	All-in-one	All-in-one	All-in-one
Range	30~130dB	30~130dB	30~130dB
Accuracy	±1.5dB	±1.5dB	±1.5dB
Frequency	31.5Hz~8kHz	31.5Hz~8kHz	31.5Hz~8kHz
Frequency weighting	A&C	A	A
Sample rate	Fast: 125ms	Fast: 125ms	Fast: 125ms
	Slow: 1000ms	Slow: 1000ms	Slow: 1000ms
Analogue outputs	●		
Data Hold/MAX/MIN	●	●	●
Auto power off	●	●	●
Low battery Indication	●	●	●
APP/Bluetooth			●
Data storage	63sets		
LCD backlight	●	●	●
Overload indication	●	●	●
Analog bar graph	30~130dB		
Certificates	CE/UKCA	CE/UKCA	CE/UKCA




Tachometers

Models	UT371	UT372	UT373	UT372D
				
Measurement modes	Non-contact	Non-contact	Non-contact	Contact and non-contact
RPM range	10RPM~999999RPM	10RPM~999999RPM	10RPM~999999RPM	Non-contact: 1-99,999 Contact: 1-19,999
Frequency (HZ)				Non-contact: 1-1,666 Contact: 1-333
Counting measurement	0~99999 counts	0~99999 counts	0~99999 counts	0~99999 counts
Surface velocity				●
Length				0-99999 (m/ft/in)
Probes				Shaft contacts(cone/internal cone) contact wheels(6in/0.1m)
Target distance	50~200mm	50~200mm	50~200mm	50~500mm
MAX/MIN/AVG mode	●	●	●	
LCD backlight			●	●
PC software		●		
Drop test	1m	1m	1m	1m
Laser on indication			●	●
Auto range			●	●
Overload indication			●	●
Certificates	CE	CE	CE/UKCA	CE/UKCA





Anemometers

Models	UT361	UT362	UT363	UT363BT	UT363S	UT362H
						
Measuring mode	Spilt type	Spilt type	All-in-one	All-in-one	Spilt type	Spilt type
Wind speed measurement	Vane	Vane	Vane	Vane	Vane	Hot wire
Wind speed measurement	2m/s~30m/s	2m/s~30m/s	0~30m/s	0~30m/s	0~30m/s	0~30m/s
Wind count measurement (CMM)	0.001~9999 x 100	0.001~9999 x 100				0~999900
Wind count measurement (CFM)	0.001~9999 x 100	0.001~9999 x 100				0~999900
Temperature measurement	0°C~40°C	0°C~40°C	-10~50°C	-10~50°C	-10~50°C	-20~+70°C
Temperature accuracy	±3°C	±3°C	±2°C	±2°C	±2°C	±0.5
Data hold	●	●	●	●	●	●
Auto power off	●	●	●	●	●	●
Low battery indication	●	●	●	●	●	●
Overload indication			●	●	●	●
MAX/MIN mode	●	●	●	●	●	●
Data storage	2044sets	2044sets				99 sets
USB interface		●				
APP/Bluetooth				●		
Auto record time setup	●	●				●
Unit conversion	m/s, km/h, ft/min, knots, mph, °C/°F	m/s, km/h, ft/min, knots, mph, °C/°F	m/s, km/h, ft/min, knots, mph, °C/°F	m/s, km/h, ft/min, knots, mph, °C/°F	m/s, km/h, ft/min, knots, mph, °C/°F	m/s, ft/min, km/hr, mph, knots, Bft
LCD backlight	●	●	●	●	●	●
Drop test					1m	1m
Certificates	CE/UKCA	CE/UKCA	CE/UKCA	CE/UKCA	CE	CE/UKCA

Light Meters

Models	UT383	UT383BT	UT383S	UT381A
				
Measuring mode	All-in-one	All-in-one	All-in-one	Split and intergrated
Illuminance measurement (Lux)	0~199900Lux	0~199900Lux	0~199900Lux	0~400000 Lux
Illuminance measurement (Fc)	0~18500Fc	0~18500Fc	0~18500Fc	0~37160Fc
Sample rate	0.5s	0.5s	0.5s	0.5s
Auto range	●	●	●	●
Data hold	●	●	●	●
APP/Bluetooth		●		●
Auto power off	●	●	●	●
Low battery indication	●	●	●	●
MAX/MIN mode	●	●	●	●
Data storage				99
Auto record time setup				●
Real-time clock				●
Color correction coefficient (CCF)				●
Overload indication	●	●	●	
Tripod mounting hole		●		●
Certificates	CE	CE	CE	CE/UKCA

Contact Type Thermometer





Models	UT320A	UT320D	UT325	UT325F
				
Display mode	Single	Dual	Dual	Four
Temperature measurement	-50°C~1300°C	-50°C~1300°C	-200°C~1372°C	-200°C~1372°C
Thermocouple selection	K/J	K/J	K/J/T/E/R/S/N	K/J/T/E/R/S/N
Auto power off	●	●	●	●
Low battery indication	●	●	●	●
Data hold	●	●	●	●
Data storage			100	72000
MAX/MIN/AVG	●	●	●	●
High/Low alarm			●	
Temperature difference		●		●
Drop test	1m	1m	1m	1m
Bluetooth APP				●
PC communication			●	●
LCD backlight	●	●	●	●
Auto calibration			●	
Offset value compensation			●	●
Certificates	CE	CE	CE	CE

Wall Scanners



Models	UT387A	UT387C
		
Ferrous metals	StudScan:19mm ThickScan:28.5mm	76mm
Non-ferrous metals	StudScan:19mm ThickScan:28.5mm	38mm
AC electric wire depth	50mm	50mm
Wood	StudScan:19mm ThickScan:28.5mm	StudScan:19mm ThickScan:28.5mm
Buzzer indication	●	●
Auto power off	●	●
LED alarm	●	●
Low battery indication	●	●
Certificates	CE	CE/FCC

Models	UT387E	UT387LM	UT387S
			
Ferrous metals	100mm	100mm	100mm
Non-ferrous metals	80mm	80mm	80mm
AC electric wire depth	40mm	40mm	40mm
Wood	38mm	38mm	38mm
Laser distance		40m	40m
Wood moisture			6%~40%
Buzzer indication	●	●	●
Auto power off	●	●	●
LED alarm	●	●	●
Low battery indication	●	●	●
Certificates	CE/UKCA	CE/UKCA	CE/UKCA



Borescopes

Models	UT663B	UT665P	UT667	UT665
				
Screen size	5.0"	4.3"	4.3"	2.4"
Languages switch	9 types	English	English	
Screen resolution	1920 x 1080	1280 x 720	1280 x 720	640 x 480
Image rotation	●	●	●	Mirror flip
Contrast adjustment		●		
Saturation adjustment				●
High temperature warning protection	●			
Photo capturing	●			
Video recording	●			
Audio recording	●			
Black and white images		●	●	
Color conversion		●	●	
Images zoom in/out		●	●	
Screen brightness adjustment		●		
Storage	Standard 32GB-TF card (maximum 64GB)			
Hose material	Metal and hard hose	Changeable hardwire with aviation plug	Changeable hardwire with aviation plug	Metal and hard hose
Hose length	1m, 2m, 3m	1m, 5m, 10m	1m, 5m, 10m	1m
Rotational angle	180° Bi-directional			
Camera diameter	8mm	8mm	8mm	9mm
Field of view (FOV)	70°	70°	70°	60°
Depth of field (DOF)	20~100mm	20~100mm	20~100mm	20~100mm
Adjustable LED lights	4-Setting, 8 LEDs	4-Setting, 8 LEDs	4-Setting, 8 LEDs	4-Setting, 4 LEDs
Pixels	1000K	300K	300K	300K
IP rating (Probe)	IP67	IP67	IP67	IP67
Battery	3.7V/3000mAh	3.7V/3000mAh	3.7V/3000mAh	4 x AA
Certificates	CE	CE	CE	CE

Moisture Meters

Models	UT377A	UT377C
		
Measurement way	Pin	Pinless
Measurement modes	Softwood, Hardwood, Drywall, Masonry	4 wood types
Wood range	2.0~40.0%	4~32%
Wood accuracy	±2%	±4%
Building materials range		0~99.9%
Ambient temperature	-10~60°C	-20~70°C
Simulation bar indication		●
Audible alarm indication		●
Flashlight		●
Auto power off	●	●
Battery life	20h	10h
Auto power off	●	●
Battery	3 x AAA	3 x AAA
Certificates	CE	CE

Refrigerant Leak Detectors

Models	UT336A	UT336B
		
Sensor	Negative corona sensor	Semiconductor sensor
Maximum sensitivity	3g/a	3g/a
Warm-up time	3s	60s
Sensitivity adjustment	6 levels	6 levels
Alarm light	6 levels	6 levels
Probe light		●
Battery status	●	●
Zero reset	●	●
Mute	●	●
Battery type	AA x 4	AA x 4
Battery life	20h	10h
Auto power off	●	●
Probe life	About 50h	About 2yr
Certificates	CE/UKCA	CE/UKCA

