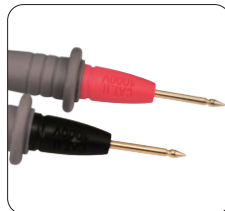# UT61+/UT161 SERIES
1000V True RMS Digital Multimeters

UT61+ series are reliable true RMS digital multimeters with display counts 6000 (UT61B+/D+) and 22,000 (UT61E+). It can measure up to 1000V AC/DC. Equipped with audible and visible alarm, this series can provide warning expecially when measuring high voltage/current and temperature.

UT161 series are CE certified, suitable for the European market.

- ● True RMS
- ● Data hold/backlight
- ● Max/Min/Relative mode
- ● USB communication
- ● Input protection
- ● Diode/continuity test
- ● NCV (audible/visual alarm)
- ● LoZ ACV (UT61D+/UT161D)
- ● LPF ACV (UT61E+/161E)
- ● ACV+DCV (UT61E+/161E)
- ● Transistor hFE (UT61E+/161E)
- ● Peak Hold (UT61D+/61E+/161D/161E)

Gold plated test leads

● **UT61E+**

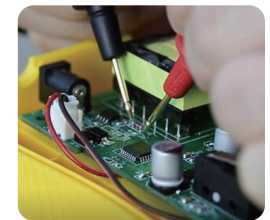| SPECIFICATION	Range	UT61B+/UT161B	UT61D+/UT161D	UT61E+/UT161E
Certificates (UT161 series only)	CE, RoHS, cETLus			
AC voltage (V)	1000V	±(1%+3)	±(1%+3)	±(0.8%+10)
DC voltage (V)	1000V	±(0.5%+3)	±(0.5%+3)	±(0.05%+5)
AC current (A)	10A	±(1.2%+5)		
	20A		±(1.2%+5)	±(0.8%+10)
DC current (A)	10A	±(1%+2)		
	20A		±(1%+2)	±(0.5%+10)
Resistance (Ω)	60MΩ	±(1%+2)	±(1%+2)	
	220MΩ			±(0.5%+10)
Capacitance (F)	60mF	±(3%+5)	±(3%+5)	
	220mF			±(3%+5)
Frequency (Hz)	10MHz	±(0.1%+4)	±(0.1%+4)	
	220MHz			±(0.01%+5)
Duty cycle (%)	0.1%~99.9%	±(2%+5)	±(2%+5)	±(2%+5)
Temperature (°C/°F)	-40°C~1000°C		±(1%+3)	
	-40°F~1832°F		±(1%+6)	
Display count		6000	6000	22000
Bandwidth (Hz)		40Hz~500Hz	40Hz~1kHz	40~10kHz
LPF ACV				√
LoZ ACV			√	
ACV+DCV				√
Transistor hFE				√
Peak Hold			√	√
Analog bar		31	31	46
Category ratings	CAT III 1000V, CAT IV 600V			
GENERAL CHARACTERISTICS				
Power	1.5V battery (R03) x 4			
Product net weight	350g			
Product size	190mm x 90mm x 50mm			
Standard accessories	Battery, gold plated test leads, USB cable, temperature probe (UT61D+/161D), multi-purpose socket (UT61E+/161E), English manual			
Standard individual packing	Gift box, cloth bag			
Standard quantity per carton	20pcs			
Standard carton measurement	UT61+ series: 480mm x 370mm x 365mm; UT161 series: 480mm x 370mm x 325mm			
Standard carton gross weight	UT61+ series: 15.2kg; UT161 series: 17.8kg			
Optional accessories	Bluetooth/APP			

UT15B PRO/UT17B PRO
1000V True RMS Digital Multimeter

UT15B PRO/UT17B PRO are highly reliable, safe and durable true RMS multimeters with CAT III 1000V/CAT IV 600V ratings. Equipped with built-in VFC, it can filter interference, resulting in a more accurate voltage reading. These meters come with gold plated test leads for quick and accurate measurement. UT15B PRO/UT17B PRO also provide full range 1000V protection, as well as 8kV transient voltage protection, which can withstand sudden high voltage shocks.

- ● VFC
- ● Auto range
- ● Relative mode
- ● Flashlight
- ● True RMS
- ● Continuity test
- ● Diode test
- ● Max/Min
- ● Data hold
- ● Low battery indication
- ● Auto backlight
- ● Auto power off

● **UT17B PRO**

Gold plated test leads

SPECIFICATION	Range	UT15B PRO	UT17B PRO
Certificates	CE, RoHS, cETLus		
DC voltage (V)	1000V	±(0.5%+3)	±(0.5%+3)
AC voltage (V)	1000V	±(1%+3)	±(1%+3)
AC current (A)	10A	±(1%+3)	±(1%+3)
DC current (A)	10A	±(0.8%+3)	±(0.8%+3)
Resistance (Ω)	60MΩ	±(0.5%+2)	±(0.5%+2)
Capacitance (F)	6000μF	±(2%+5)	±(2%+5)
Frequency (Hz)	10Hz~100kHz		±(0.1%+3)
Duty cycle	1%~99%		±(1%+4)
Temperature (°C/°F)	-55°C~500°C/-67°F~932°F		±(2%+1)
Display count		6000	6000
AC frequency response		40~500Hz	40~500Hz
Category ratings	CAT III 1000V, CAT IV 600V		
GENERAL CHARACTERISTICS			
Power	1.5V battery (LR6) x 2		
Product net weight	UT15B PRO: 484g; UT17B PRO: 484g		
Product size	195mm x 95mm x 58mm		
Standard accessories	English manual, test lead, temperature probe (UT17B PRO)		
Standard individual packing	Gift box, cloth bag		
Standard quantity per carton	10pcs		
Standard carton measurement	505mm x 355mm x 205mm		
Standard carton gross weight	UT15B PRO: 8.8kg; UT17B PRO: 9.1kg		