UT61+/UT161 SERIES
1000V True RMS Digital Multimeters
UNI-T®

UT61+/UT161 series are true RMS digital multimeters with display counts 6000 (UT61B+/UT61D+/UT161B/D) and 22,000 (UT61E+/UT161E). These meters can measure up to 1000V AC/DC. Equipped with audible and visible alarm, this series can warn users when measuring high voltage/current. This series' wide range of functions are suitable for a variety of appliations. UT161 series is CE/ETL/UKCA certified.

UT61E+

Features	
True RMS	Continuity test
Data hold	NCV (audible/visual alarm)
Backlight	LoZ ACV (UT61D+/UT161D)
Max/Min/Relative mode	LPF ACV/ACV+DCV
USB communication	Transistor hFE (UT61E+/161E)
Diode	Peak Hold (UT61D+/61E+/161D/161E)

Gold plated test leads

- Smart phone APP: iDMM2.0
- Works with UT-D07B Bluetooth adaptor
- Download from App Store or Google Play

Specifications	Range	UT61B+/UT161B	UT61D+/UT161D	UT61E+/UT161E
Certificates (UT161 series only)	CE, UKCA, 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 (℃/℉)	-40℃~1000℃		±(1%+3)	
	-40℉~1832℉		±(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			

Characteristics	
Standard accessories	Battery, gold plated test leads, USB cable, temperature probe (D+/D), multi-purpose socket (E+/E), English manual
Optional accessories	Bluetooth/APP
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	UT61+ series: 480 x 370 x 365mm; UT161 series: 480 x 370 x 325mm
Standard carton gross weight	UT61+ series: 15.2kg; UT161 series: 17.8kg