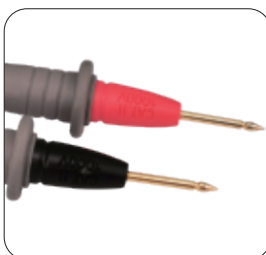


Models	UT61B+	UT61D+	UT61E+	UT161B	UT161D	UT161E	UT195E	UT195M	UT195DS
Page	058	058	058	058	058	058	075	075	075
DC voltage (V)	1000V	1000V	1000V	1000V	1000V	1000V	1000V	1000V	1000V
AC voltage (V)	1000V	1000V	1000V	1000V	1000V	1000V	1000V	1000V	1000V
DC current (A)	10A	20A	20A	10A	20A	20A	20A	20A	20A
AC current (A)	10A	20A	20A	10A	20A	20A	20A	20A	20A
Resistance (Ω)	60M Ω	60M Ω	220M Ω	60M Ω	60M Ω	220M Ω	60M Ω	60M Ω	60M Ω
Capacitance (F)	60mF	60mF	220mF	60mF	60mF	220mF	60mF	60mF	60mF
Frequency (Hz)	10MHz	10MHz	220MHz	10MHz	10MHz	220MHz	10MHz	40MHz	40MHz
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	22000	6000	6000	22000	6000	6000	6000
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 (optional)	●	●	●	●	●	●			
AC+DC			●			●			●
3-phase motor sequence								●	●
Safety Features									
Drop test	1m	1m	1m	1m	1m	1m	2m	2m	2m
Safety rating	CAT III 1000V/CAT IV 600V								
Certificates	CE/UKCA/cETLus					CE/UKCA/GS/cTUVus			

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 applications. UT161 series is CE/ETL/UKCA certified.



UT61E+



Gold plated test leads

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)



- 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 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
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