

UNI-T®



UT61 Series Modern Digital Multimeters

UT61 series complies with CE, ETL, and GS standards. This series is all auto range with selectable True RMS models (UT61D/E). This series has an abundant of features and is combined with high safety rating of CAT IV 600V. It is suitable for advanced electronics and electrical users.

- Auto range
- MAX/MIN/REL mode
- Auto power off (UT61A/B/C/D)
- LCD backlight (UT61A/B/C/D)
- RS-232 and USB interface (UT61B/C/D/E)
- Analog bar graph
- NCV (UT61A)
- Low battery indication
- True RMS (UT61D/E)
- EF (Electric Field) detection (UT61A)
- Transistor measurement (UT61A)
- Peak value/hold (UT61E)
- K-type temperature probe (UT61B/C)
- Diode/continuity buzzer
- Data hold
- Input protection



● UT61E

■ SPECIFICATIONS

	Range	UT61A	UT61B	UT61C	UT61D	UT61E
DC voltage (V)	1000V	±(0.5%+1)	±(0.5%+1)	±(0.5%+1)	±(0.5%+1)	±(0.1%+2)
AC voltage (V)	750V	±(1%+3)	±(1%+3)	±(1%+3)	±(1%+3)	±(0.8%+10)
DC current (A)	10A	±(1%+2)	±(1%+2)	±(1%+3)	±(1%+3)	±(0.5%+10)
AC current (A)	10A	±(1.2%+5)	±(1.2%+5)	±(1.2%+5)	±(1.2%+5)	±(0.8%+10)
Resistance (Ω)	40MΩ	±(1%+2)	±(1%+2)			
	60MΩ			±(1%+2)	±(1%+2)	
	220MΩ					±(0.5%+10)
Capacitance (F)	4000μF	±(3%+5)	±(3%+5)	±(3%+5)	±(3%+5)	
	220mF					±(3%+5)
Frequency (Hz)	10Hz~10MHz	±(0.1%+4)	±(0.1%+4)	±(0.1%+4)	±(0.1%+4)	
	10Hz~220MHz					±(0.01%+5)
Temperature	-40°C~1000°C		±(1.2%+3)	±(1.2%+3)		
	-40°F~1832°F		±(1.2%+4)	±(1.2%+4)		
Features						
Display count		4000	4000	6000	6000	22000
Bandwidth (Hz)		45Hz~400Hz	45Hz~400Hz	45Hz~1kHz	45Hz~3kHz	45Hz~10kHz
Duty cycle	0.1%~99.9%	√	√	√	√	√

■ GENERAL CHARACTERISTICS

Power	9V battery (6F22)
Display	65mm x 43mm
Product color	Red and grey
Product net weight	370g
Product size	180mm x 87mm x 47mm
Standard accessories	Battery, test leads, multi-purpose socket, RS-232 interface cable (UT61B/UT61C/UT61D/UT61E), PC software CD (UT61B/UT61C/UT61D/UT61E), point contact temperature probe (UT61B/UT61C)
Standard individual packing	Gift box, English manual
Standard quantity per carton	22pcs
Standard carton measurement	455mm x 335mm x 375mm
Standard carton gross weight	UT61A: 12.7kg; UT61B: 13.97kg; UT61C: 13kg; UT61D: 14.5kg; UT61E: 12.9kg
Optional accessories	UT61B/UT61C/UT61D/UT61E: USB interface cable

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