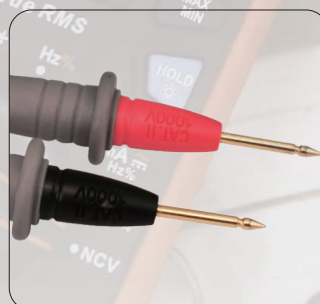


UT161 SERIES

1000V True RMS Digital Multimeters

UT161 series are reliable true RMS digital multimeters with display counts 6000 (UT161B/D) and 22000 (UT161E). It can measure up to 1000V AC/DC voltage and designed with a safety rating of CAT III 1000V/CAT IV 600V. This series also features audio and visual alarm, high voltage/current and temperature warnings. Its built-in analog bar and USB communication functions can help you quickly and easily visualize measurement results.

- Data Hold/relative mode
- MAX/MIN
- USB communication/low battery indication
- LCD backlight/True RMS
- Auto/manual range
- Full range protection
- High voltage/current frequency measurement
- NCV/diode test/continuity test
- Auto power off
- 8kV transient protection



Gold plated test leads



SPECIFICATION	Range	UT161B	UT161D	UT161E
Certificates	CE, RoHS, cETLus			
AC voltage (V)	1000V	±(1.0%+3)	±(1.0%+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	±(1.0%+2)	±(1.0%+2)	±(0.5%+10)
Resistance (Ω)	60MΩ 220MΩ	±(1.0%+2)	±(1.0%+2)	±(0.5%+10)
Capacitance (F)	60mF 220mF	±(3.0%+5)	±(3.0%+5)	±(3.0%+5)
Frequency (Hz)	10MHz 220MHz	±(0.1%+4)	±(0.1%+4)	±(0.01%+5)
Duty cycle (%)	0.1%~99.9%	±(2.0%+5)	±(2.0%+5)	±(2.0%+5)
Temperature (°C/°F)	-40°C~1000°C -40°F~1832°F		±(1.0%+3) ±(1.0%+6)	
Display count		6000	6000	22000
Bandwidth (Hz)		40Hz~500Hz	40Hz~1kHz	40~10kHz
LPF ACV				v
LoZ ACV			v	
ACV+DCV				v
Transistor hFE				v
Peak hold			v	v
Analog bar		31	31	46
Category ratings	CAT III 1000V/CAT IV 600V			
GENERAL CHARACTERISTICS				
Power	1.5V battery (LR03) x 4			
Product net weight	350g			
Product size	190mm x 90mm x 50mm			
Standard accessories	Battery, test leads, USB cable, K-type temperature probe (UT161D), multi-purpose socket (UT161D/E)			
Standard individual packing	Gift box, cloth bag, English manual			
Standard quantity per carton	20pcs			
Standard carton measurement	480mm x 370mm x 325mm			
Standard carton gross weight	17.8kg			
Optional accessories	Bluetooth/APP			