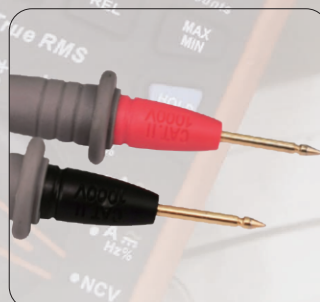


UT161 SERIES

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
AC voltage (V)	1000V	$\pm(1.0\%+3)$	$\pm(1.0\%+3)$	$\pm(0.8\%+10)$
DC voltage (V)	1000V	$\pm(0.5\%+3)$	$\pm(0.5\%+3)$	$\pm(0.05\%+5)$
AC current (A)	10A 20A	$\pm(1.2\%+5)$	$\pm(1.2\%+5)$	$\pm(0.8\%+10)$
DC current (A)	10A 20A	$\pm(1.0\%+2)$	$\pm(1.0\%+2)$	$\pm(0.5\%+10)$
Resistance (Ω)	60M Ω 220M Ω	$\pm(1.0\%+2)$	$\pm(1.0\%+2)$	$\pm(0.5\%+10)$
Capacitance (F)	60mF 220mF	$\pm(3.0\%+5)$	$\pm(3.0\%+5)$	$\pm(3.0\%+5)$
Frequency (Hz)	10MHz 220MHz	$\pm(0.1\%+4)$	$\pm(0.1\%+4)$	$\pm(0.01\%+5)$
Duty cycle (%)	0.1%~99.9%	$\pm(2.0\%+5)$	$\pm(2.0\%+5)$	$\pm(2.0\%+5)$
Temperature ($^{\circ}\text{C}/^{\circ}\text{F}$)	-40 $^{\circ}\text{C}$ ~1000 $^{\circ}\text{C}$ -40 $^{\circ}\text{F}$ ~1832 $^{\circ}\text{F}$		$\pm(1.0\%+3)$ $\pm(1.0\%+6)$	
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

