

UT171 SERIES INDUSTRIAL TRUE RMS DIGITAL MULTIMETERS



UT171 series are industrial grade multimeters used by professionals. Its built-in square wave output is useful for troubleshooting industrial control signals. The LoZ (ACV) feature can be used to identify residual (ghost) voltage in large capacitors. UT171C's OLED display has great viewing angle and is perfect for working in low temperatures.

- AC+DC measurement (UT171B/C)
- Peak hold (UT171B/C)
- Rechargeable battery (UT171B/C)
- VFC low-pass filtering
- USB/Bluetooth communication



UT171C



- Smart phone APP: iDMM
- Works with UT-D07A Bluetooth adaptor
- Download from Apple Store or Google Play Store



UT-D07A

	Range	UT171A	UT171B	UT171C
DC voltage (V)	1000V	±(0.025%+5)	±(0.025%+5)	±(0.025%+5)
AC voltage (V)	1000V	±(0.4%+40)	±(0.4%+40)	±(0.4%+40)
DC current (A)	10A	±(0.15%+10)	±(0.15%+10)	±(0.15%+10)
AC current (A)	10A	±(0.75%+20)	±(0.75%+20)	±(0.75%+20)
Resistance (Ω)	40MΩ	±(0.05%+2)		
	60MΩ		±(0.05%+2)	±(0.05%+2)
Admittance (nS)	60nS		±(1%+10)	±(1%+10)
Capacitance (F)	40mF	±(2.5%+5)		
	60mF		±(2.5%+5)	±(2.5%+5)
Frequency (Hz)	10Hz~10MHz	±(0.01%+5)	±(0.01%+5)	±(0.01%+5)
Temperature (°C)	-40°C~1000°C		±(1%+3)	±(1%+3)
Temperature (°F)	-40°F~1832°F		±(1.5%+5)	±(1.5%+5)

Features

Display count		40000	60000	60000
Auto/Manual range		√	√	√
True RMS		√	√	√
Bandwidth (Hz)	100kHz	√	√	√
4~20mA loop	0~100%		√	√
LoZ (ACV)	Around 3kΩ		√	√
Diode	Around 3V	√	√	√
Continuity buzzer		√	√	√
Duty cycle	0.1%~99.9%	√	√	√
NCV/Data hold/MAX/MIN		√	√	√
Relative mode		√	√	√
Data storage		1000	9999	9999
Display type		LCD	EBTN	OLED
Analog bar graph		31	31	31
LCD backlight		√	√	√
Mis-plug alarm		√	√	√
Low battery indication		√	√	√
Auto power off		√	√	√
Input protection		√	√	√
Input impedance for DCV	≥10MΩ	√	√	√

Power	UT171A: 1.5V battery (R03) x 6; UT171B/C: 7.4V 2000mAh Li-ion battery
Display	UT171A: 70.6mm x 49.5mm UT171B/C: 70.6mm x 35.3mm
Product color	Red and grey
Product net weight	384g
Product size	206mm x 95mm x 55mm
Standard accessories	Batteries, test leads, point contact temperature probe, USB interface cable, power adaptor (UT171B/C), PC software CD
Standard individual packing	Gift box, carrying bag, English manual
Standard quantity per carton	5pcs
Standard carton measurement	390mm x 310mm x 205mm
Standard carton gross weight	5.6kg
Optional accessories	Bluetooth adaptor (UT-D07)