EN: This Datasheet/Document is presented by the manufacturer.

Please visit our website for pricing and availability at www.hestore.hu.

UNI-T®

UT171 Series Industrial True RMS Digital Multimeters

● UT171C

UT171 series are industrial grade multimeters used by professionals. Its built-in square wave output is useful for troubleshooting industrial control signals. Its LoZ (ACV) feature can be used to identify residual (ghost) voltage in large capacitors. UT171C' s OLED display is perfect for working in low temperatures down to -30°C.

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

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

● UT-D07A

SPECIFICATIONS

	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%+2)	±(0.15%+2)	±(0.15%+2)
AC current (A)	10A	±(0.75%+5)	±(0.75%+5)	±(0.75%+5)
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%+40)		
	60mF		±(2.5%+40)	±(2.5%+40)
Frequence (Hz)	10Hz~10MHz	±(0.01%+5)	±(0.01%+5)	±(0.01%+5)
Temperature (°C)	-40°C~1000°C		±(1%+30)	±(1%+30)
Temperature (°F)	-40°F~1832°F		±(1.5%+50)	±(1.5%+50)
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	Around 1GΩ	√	√	√

GENERAL CHARACTERISTICS

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 (0.55CBM per standard carton)
Standard carton gross weight	5.6kg
Optional accessories	Bluetooth adaptor (UT-D07)