



Industrial True RMS Digital Multimeter UT171B

UNI-T's UT171B is a 60000 count True RMS auto range digital multimeter. Its display type is EBTN LCD which is great for working in dark places.

features

1. 60000 count
2. 4-5 times/s sampling rate
3. 4-20mA loop percentage measurement
4. AC+DC measurement
5. VFC low-pass filtering
6. LoZ low impedance input
7. NCV measurement
8. MAX/MIN/AVG modes

9. Peaks hold

10. Analog bar: more intuitive, faster observation of dynamic signals

11. Li-ion battery; 200h battery life

12. USB/Bluetooth communication

13. 9999 data storage

Specifications	Range	Best Accuracy
Model		UT171B
DC Voltage (V)	600mV/6V/60V/600V/1000V	$\pm(0.025\% + 5)$
AC Voltage (V)	600mV/6V/60V/600V/750V	$\pm(0.4\% + 40)$
DC Current (A)	600uA/6000uA/60mA/600mA/6A/10A	$\pm(0.15\% + 2)$
AC Current (A)	600uA/6000uA/60mA/600mA/6A/10A	$\pm(0.75\% + 5)$
Resistance (Ω)	600 Ω /6K Ω /60K Ω /600K Ω /6M Ω /60M Ω	$\pm(0.05\% + 2)$
Admittance (nS)	60nS	$\pm(1.0\% + 10)$
Capacitance(F)	6nF/60nF/600nF/6 μ F/60 μ F/600 μ F/6mF/60mF	$\pm(2.5\%+40)$
Frequency (Hz)	10Hz~10MHz	$\pm(0.01\%+5)$
Temperature ($^{\circ}$ C)	-40 $^{\circ}$ C~1000 $^{\circ}$ C	$\pm(1.0\%+30)$
Temperature ($^{\circ}$ F)	-40 $^{\circ}$ F~1832 $^{\circ}$ F	$\pm(1.5\%+50)$
Features		
Display Count		60000

Auto/Manual Range		√
True RMS		√
Bandwidth (Hz)	100KHz	√
AC + DC		√
V.F.C		√
4~20mA Loop	0~100%	√
LoZ(ACV)	Around 3KΩ	√
Diode	Around 3.0V	√
Continuity Buzzer		√
Duty Cycle	1%~99%	√
NCV		√
Data Hold/MAX/MIN		√
Relative Mode		√
Peak Hold		√
Data Storage		9999
Data Comparison Function		√
USB Interface		√
Display Type		EBTN
LCD Backlight		√

Analogue Bar Graph		√
Mis-plug Alarm		√
Low Battery Indication		√
Rechargeable Battery		√
Auto Power Off	Around 15 Minutes	√
Input Protection		√
Input Impedance for DCV	Around 1GΩ	√
General Characteristic		
Power	7.4V 2000mAh Li-ion Battery	
LCD Size	70.6mm x 35.3 mm	
Product Color	Red and Grey	
Product Net Weight	384g	
Product Size	206mm x 95mm x 55mm	
Standard Accessories	Batteries, Test lead, Point Contact Temperature Probe, USB Interface Cable, Power Adaptor(For UT171B/C),PC Software CD	
Standard Individual Packing	Gift Box, Carrying Bag, English Manual	
Standard Quantity Per Carton	20 PCs	

Standard Carton Measurement	530mm × 360mm × 285mm (0.055 CBM Per Standard Carton)
Standard Carton Gross Weight	22 Kg
Optional Accessories*	Bluetooth Adaptor (UT-D07)