



## UT171A Industrial True RMS Digital Multimeters

UNI-T's UT171A is an industrial True RMS digital multimeter with 40000 counts. It supports Bluetooth, VFC, and many other features.

Main features

1. 40000 count
2. 4-5 times/s sampling rate
3. VFC low-pass filtering
4. NCV measurement
5. MAX/MIN/AVG modes
6. Analog bar: more intuitive, faster observation of dynamic signals
7. USB/Bluetooth communication
8. 9999 data storage

<b>Specifications</b>	<b>Range</b>	<b>Best Accuracy</b>
<b>Model</b>		<b>UT171A</b>
DC Voltage (V)	400mV/4V/40V /400V/1000V	±(0.025%+5)
AC Voltage (V)	400mV/4V/40V /400V/1000V	±(0.4%+40)
DC Current (A)	400uA/4000uA /40mA/400mA/4A/10A	±(0.15%+2)
AC Current (A)	400uA/4000uA/40mA /400mA/4A/10A	±(0.75%+5)
Resistance (Ω)	400Ω/4kΩ/40kΩ /400kΩ/4MΩ/40MΩ	±(0.05%+2)
Capacitance (F)	4nF/40nF/400nF/4μF /40μF/400μF/4mF/40mF	±(2.5%+40)
Frequency (Hz)	10Hz~10MHz	±(0.01%+5)
<b>Features</b>		
Display Count		40000
Auto Range		√
Manual Range		√
True RMS		√
Bandwidth (Hz)	100kHz	√
AC+DC		√
V.F.C		√
Continuity Buzzer		√
Diode	Around 3V	√

Duty Cycle	0.1%~99.9%	√
NCV		√
Data Hold/MAX/MIN		√
Peaks Hold		√
Relative Mode		√
Trend Capture		√
MAX/MIN		√
Data Storage		1000
Display Type		LCD
LCD Backlight		√
Analog Bar Graph		31
USB Interface		√
Mis-Plug Alarm		√
Low Battery Indication		√
Auto Power Off	Around 15 Minutes	√
Input Protection		√
Input Impedance for DCV	$\geq 10M\Omega$	√
<b>General Characteristics</b>		
Power		AAA 1.5V x 6
LCD Size		70.6mm x 49.5mm
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, PC Software CD, USB Interface Cable
Standard Individual Packing	Gift Box, Carrying Bag, English Manual
Standard Quantity Per Carton	20pcs
Standard Carton Measurement	530mm × 360mm × 285mm
Standard Carton Gross Weight	22kg
Optional Accessories	Bluetooth Adaptor (UT-D07)