

Models	UT71A	UT71B	UT71C	UT71D	UT71E	UT171B	UT171C	UT181A
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DC voltage (V)	1000V	1000V	1000V	1000V	1000V	1000V	1000V	1000V
AC voltage (V)	1000V	1000V	1000V	1000V	1000V	1000V	1000V	1000V
DC current (A)	10A	10A	10A	10A	10A	10A	10A	10A
AC current (A)	10A	10A	10A	10A	10A	10A	10A	10A
Resistance (Ω)	20MΩ	20MΩ	40MΩ	40MΩ	40MΩ	60MΩ	60MΩ	60MΩ
Capacitance (F)	20mF	20mF	40mF	40mF	40mF	60mF	60mF	60mF
Frequency (Hz)	200MHz	200MHz	400MHz	400MHz	400MHz	10MHz	10MHz	60MHz
Temperature (°C)		-40°C~1000°C	-40°C~1000°C	-40°C~1000°C	-40°C~1000°C	-40°C~1000°C	-40°C~1000°C	-40°C~1000°C
Features								
Display count	20000	20000	40000	40000	40000	60000	60000	60000
Diode/continuity	●	●	●	●	●	●	●	●
Low battery indication	●	●	●	●	●	●	●	●
Data hold	●	●	●	●	●	●	●	●
Auto power off	●	●	●	●	●	●	●	●
LCD backlight	●	●	●	●	●	●	●	●
Duty cycle	●	●	●	●	●	●	●	●
Relative mode	●	●	●	●	●	●	●	●
NCV						●		
Auto range	●	●	●	●	●	●	●	●
Conductance (nS)						●	●	●
Max/min	●	●	●	●	●	●	●	●
Peak hold	●	●	●	●	●	●	●	●
True RMS	●	●	●	●	●	●	●	●
Special Features								
Analog bar graph	●	●	●	●	●	●	●	●
Low pass filter(LPF)								●
VFC						●	●	
LoZ						●	●	
USB interface	●	●	●	●	●	●	●	●
Bluetooth/APP (optional)	●	●	●	●	●	●	●	●
AC+DC	●	●	●	●	●	●	●	●
(4~20mA)%	●	●	●	●	●	●	●	●
Data logging		●	●	●	●	●	●	●
Mis-plug alarm	●	●	●	●	●	●	●	●
Power measurement					●			
dBv/dBm								●
Trend capture								●
Data time display								●
Data comparison								●
Safety Features								
Drop test	1m	1m	1m	1m	1m	1m	1m	1m
Safety rating	CAT III 1000V/CAT IV 600V							
Certificates	CE/UKCA					CE/UKCA/cETLus		CE/UKCA /cETLus

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.



UT171C



UT-D07B



- Smart phone APP: iDMM2.0
- Works with UT-D07B Bluetooth adaptor
- Download from App Store or Google Play

Specifications	Range	UT171A	UT171B	UT171C
Certificates	CE, UKCA, cETLus			
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 60MΩ	±(0.05%+2)	±(0.05%+2)	±(0.05%+2)
Conductance (nS)	60nS		±(1%+10)	±(1%+10)
Capacitance (F)	40mF 60mF	±(2.5%+5)	±(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)
Display count		40000	60000	60000
4~20mA loop	0~100%		√	√
LoZ (ACV)	Around 3kΩ		√	√
Data storage		1000	9999	9999
Display type		LCD	EBTN	OLED
Category ratings	CAT III 1000V, CAT IV 600V			

Features	
Auto/Manual range	Analog bar graph: 31 segments
True RMS/Relative mode	LCD backlight
Bandwidth (Hz): 100kHz	Mis-plug alarm
Diode: Around 3V	Low battery indication
Continuity buzzer	Auto power off
Duty cycle: 0.1%~99.9%	Input protection
NCV/Data hold	MAX/MIN

Characteristics	
Standard accessories	Batteries, test leads, point contact temperature probe, English manual, USB interface cable, power adaptor (UT171B/C)
Optional accessories	Bluetooth adaptor (UT-D07B)
Power	UT171A: 1.5V battery (R03) x 6; UT171B/C: 7.4V 2000mAh Li-ion battery
Display	UT171A: 70.6 x 49.5mm UT171B/C: 70.6 x 35.3mm
Product size	206 x 95 x 55mm
Product net weight	384g
Standard individual packing	Gift box, carrying bag
Standard quantity per carton	5pcs
Standard carton measurement	390 x 310 x 205mm
Standard carton gross weight	5.6kg