

Models	UT71A	UT71B	UT71C	UT71D	UT71E	UT171B	UT171C	UT181A
Page	059	059	059	059	059	072	072	073
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)	20M Ω	20M Ω	40M Ω	40M Ω	40M Ω	60M Ω	60M Ω	60M Ω
Capacitance (F)	20mF	20mF	40mF	40mF	40mF	60mF	60mF	60mF
Frequency (Hz)	200MHz	200MHz	400MHz	400MHz	400MHz	10MHz	10MHz	60MHz
Temperature ($^{\circ}$ C)		-40 $^{\circ}$ C~1000 $^{\circ}$ C	-40 $^{\circ}$ C~1000 $^{\circ}$ C	-40 $^{\circ}$ C~1000 $^{\circ}$ C	-40 $^{\circ}$ C~1000 $^{\circ}$ C	-40 $^{\circ}$ C~1000 $^{\circ}$ C	-40 $^{\circ}$ C~1000 $^{\circ}$ C	-40 $^{\circ}$ C~1000 $^{\circ}$ 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

UT181A is a datalogging true RMS multimeter with features such as trend capture, low pass filter, nS conductance, dual temperature, and more. Users can store up to 20000 sets of measurement data and display them on a trend graph for long term monitoring.



UT181A



UT-D07B



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

Specifications	Range	Accuracy
Certificates	CE, UKCA, cETLus	
DC voltage (V)	1000V	±(0.025%+5)
AC voltage (V)	1000V	±(0.3%+30)
DC current (A)	10A	±(0.08%+10)
AC current (A)	10A	±(0.6%+20)
Resistance (Ω)	60MΩ	±(0.05%+2)
Conductance (nS)	60nS	±(2%+10)
Capacitance (F)	60mF	±(2%+5)
Frequency (Hz)	10Hz~60MHz	±(0.01%+5)
Temperature (°C)	-40°C~1000°C	±(1%+30)
Temperature (°F)	-40°F~1832°F	±(1.5%+50)
Display count	60000	
Category ratings	CAT III 1000V, CAT IV 600V, IP65	

Features	
Auto/Manual range	Bandwidth: 100kHz
AC+DC/Continuity buzzer	Low pass filter: 1kHz
dBV/dBm	Diode: Around 3V
Duty cycle:10%~90%	Dual temperature measurement: T1, T2, T1-T2, T2-T1
Data hold/Peak hold/Relative mode	Data logging: 20000
Trend capture	MAX/MIN/AVG
Data time display/data comparison	Backlight adjustment
Analog bar graph/USB interface	Mis-plug alarm
Battery indication/auto power off	Rechargeable battery

Characteristics	
Standard accessories	Battery, test leads, temperature adaptor socket, point contact temperature probes, power adaptor socket, power adaptor, USB interface cable, English manual
Optional accessories	Bluetooth adaptor (UT-D07B)
Power	Li-ion battery: 7.4V 2200mAh
Display	3.5-inch 64k color TFT LCD (320 x 240)
Product size	225 x 103 x 59mm
Product net weight	638.6g
Standard individual packing	Gift box, carrying bag
Standard quantity per carton	5pcs
Standard carton measurement	355 x 310 x 265mm
Standard carton gross weight	7kg