

Specifications	Range	Best Accuracy
Model		UT181A
DC Voltage (V)	60mV/600mV/6V/60V/600V/1000V	$\pm(0.025\%+5)$
AC Voltage (V)	60mV/600mV/6V/60V/600V/1000V	$\pm(0.3\%+30)$
DC Current (A)	600 μ A/6000 μ A/60mA/600mA/10A	$\pm(0.08\%+10)$
AC Current (A)	600 μ A/6000 μ A/60mA/600mA/10A	$\pm(0.6\%+20)$
Resistance (Ω)	600 Ω /6k Ω /60k Ω /600k Ω /6M Ω /60M Ω	$\pm(0.05\%+2)$
Admittance(nS)	60nS	$\pm(2\%+10)$
Capacitance (F)	6nF/60nF/600nF/6 μ F/60 μ F/600 μ F/6mF/60mF	$\pm(2\%+5)$
Frequency (Hz)	10Hz-60MHz	$\pm(0.01\%+5)$
Temperature ($^{\circ}$ C)	-40 $^{\circ}$ C~1000 $^{\circ}$ C	$\pm(1\%+30)$
Temperature ($^{\circ}$ F)	-40 $^{\circ}$ F~1832 $^{\circ}$ F	$\pm(1.5\%+50)$
Features		
Display Count		60000
Auto Range		\checkmark
Manual Range		\checkmark
True RMS		\checkmark
Bandwidth (Hz)	100kHz	\checkmark
AC + DC		\checkmark
Low Pass Filter	1KHz(-3db)	\checkmark
dBV/dBm		\checkmark
Continuity Buzzer		\checkmark

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		√
Date Time Display		√
Data Comparison		√
Display Type	3.5 Inches 64k Color TFT LCD (320 * 240)	√
Backlight Adjustment		√
Analogue Bar Graph	61	√
USB Interface		√
Mis-Plug Alarm		√
Low Battery Indication		√
Auto Power Off		√
Re-Chargeable Battery		√
Input Protection		√
Input Impedance for DCV	Around 10MΩ	√
General Characteristic		
Power	7.4V 2200mAh Li-Battery	
LCD Size	70mm × 52mm	

Product Color	Red and Grey
Product Net Weight	638.6 g
Product Size	103mm × 225mm × 59mm
Standard Accessories	Batteries, Test Lead, Temperature Adaptor, Point Contact Temperature Probe × 2, Power Adaptor, PC Software CD, USB Interface Cable
Standard Individual Packing	Gift Box, Carrying Bag, English Manual
Standard Quantity Per Carton	20PCs
Standard Carton Measurement	480mm×385mm×505mm (0.085 CBM Per Standard Carton)
Standard Carton Gross Weight	26.5 Kg
Optional Accessories*	Bluetooth Adaptor (UT-D07)