

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

UT71 series can quickly solve complex problems on electronics, factory automation, distribution and electronic engineering equipment. UT71 series can set upper and lower limits, a very useful feature for improving electronics mass production inspection and screening efficiency.



UT71E

Features	
Adjustable data recording interval (UT71B/C/D/E)	Temperature measurement, k-type (UT71B/C/D/E)
True RMS, duty cycle, continuity buzzer	MAX/MIN/REL modes; peak/data hold; analog bar graph
4-20mA loop test (UT71B/C/D/E)	45Hz~100kHz frequency response
LCD backlight; misplug alarm	Auto power off, low battery indication
Data logging	Auto and manual ranges selectable
USB interface, Bluetooth	2500W power measurement (UT71E)



- Smart phone APP: iDMM
- Works with UT-D07A Bluetooth adaptor
- Download from Apple Store or Google Play Store

Specifications	Range	UT71A	UT71B	UT71C	UT71D	UT71E
Certificates	CE, UKCA					
DC voltage (V)	1000V	±(0.1%+8)	±(0.05%+5)	±(0.025%+5)	±(0.025%+5)	±(0.025%+5)
AC voltage (V)	1000V	±(0.8%+40)	±(0.6%+40)	±(0.4%+30)	±(0.4%+30)	±(0.4%+30)
DC current (A)	10A	±(0.2%+20)	±(0.15%+20)	±(0.1%+15)	±(0.1%+15)	±(0.1%+15)
AC current (A)	10A	±(1%+15)	±(0.8%+15)	±(0.7%+15)	±(0.7%+15)	±(0.7%+15)
Resistance (Ω)	20MΩ	±(0.5%+20)	±(0.4%+20)			
	40MΩ			±(0.3%+8)	±(0.3%+8)	±(0.3%+8)
Capacitance (F)	20mF	±(1.5%+20)	±(1.2%+20)			
	40mF			±(1%+20)	±(1%+20)	±(1%+20)
Frequency (Hz)	20Hz~200MHz	±(0.1%+15)	±(0.1%+15)			
	40Hz~400MHz			±(0.01%+8)	±(0.01%+8)	±(0.01%+8)
Temperature	-40°C~1000°C		±(1%+30)	±(1%+30)	±(1%+30)	±(1%+30)
	-40°F~1832°F		±(1.5%+50)	±(1.5%+50)	±(1.5%+50)	±(1.5%+50)
Display count		20000	20000	40000	40000	40000
Category ratings	CAT III 1000V, CAT IV 600V					

Characteristics	
Standard accessories	Battery, test leads, alligator clip, test clips, USB interface cable, power adaptor (UT71E) point contact temperature probe (UT71B/UT71C/UT71D/UT71E), English manual
Power	9V battery (6F22)
Display	73 x 50mm
Product size	200 x 93 x 40mm
Product net weight	384g
Standard individual packing	Gift box, carrying bag
Standard quantity per carton	10pcs
Standard carton measurement	UT71A/UT71B/UT71C/UT71D: 515 x 380 x 205mm; UT71E: 540 x 360 x 275mm
Standard carton gross weight	UT71A/UT71B/UT71C/UT71D: 9.8kg; UT71E: 12.5kg