



UT71 SERIES

Intelligent Digital Multimeters

UT71C/UT71D/UT71E



UT71C



UT71D



UT71E

SPECIFICATIONS

Basic Functions	Range	Best Accuracy		
		UT71C	UT71D	UT71E
DC Voltage	400mV/4V/40V/400V/1000V	±(0.025%+5)	±(0.025%+5)	±(0.025%+5)
AC Voltage	4V/40V/400V/1000V	±(0.4%+30)	±(0.4%+30)	±(0.4%+30)
AC Bandwidth	100kHz	✓	✓	✓
DC Current	400μA/4000μA/40mA/400mA/10A	±(0.1%+15)	±(0.1%+15)	±(0.1%+15)
AC Current	400μA/4000μA/40mA/400mA/10A	±(0.7%+15)	±(0.7%+15)	±(0.7%+15)
Resistance	400Ω/4kΩ/40kΩ/400kΩ/4MΩ/40MΩ	±(0.3%+8)	±(0.3%+8)	±(0.3%+8)
Capacitance	40nF/400nF/4μF/40μF/400μF/4mF/40mF	±(1%+20)	±(1%+20)	±(1%+20)
Temperature (°C)	-40°C ~ 1000°C	±(1%+30)	±(1%+30)	±(1%+30)
Temperature (°F)	-40°F ~ 1832°F	±(1.5%+50)	±(1.5%+50)	±(1.5%+50)
Frequency	40Hz/400Hz/4kHz/40kHz/400kHz 4MHz/40MHz/400MHz	±(0.01%+8)	±(0.01%+8)	±(0.01%+8)
Duty Cycle	10% ~ 90%	±(1%+30)	±(1%+30)	±(1%+30)
4~20mA Loop	0~100%	±(1%+50)	±(1%+50)	±(1%+50)
Power Measurement				±(2%+5)
Special Functions				
Fused 10A Range		✓	✓	✓
Auto Ranging		✓	✓	✓
Current Measurement Alarm		✓	✓	✓
Function Set Up		✓	✓	✓
Voltage & Current		✓	✓	✓
AC +DC Measurement				
Data Logging		100	9999	100
Diode		✓	✓	✓
Continuity Buzzer		✓	✓	✓
True RMS (100kHz)		✓	✓	✓
Peak Hold		✓	✓	✓
Max/Min Mode		✓	✓	✓
Relative Mode		✓	✓	✓
Data Hold		✓	✓	✓
USB		✓	✓	✓
Double Display Backlight		✓	✓	✓
Full Icon Display		✓	✓	✓
Sleep Mode		✓	✓	✓
Low Battery Display		✓	✓	✓
Input Impedance for DC or AC Voltage Measurement	DC 400mV: Around 2.5GΩ All other Ranges: 10MΩ	✓	✓	✓
Max. Display	40000	✓	✓	✓
Analogue Bar Graph		✓	✓	✓

GENERAL CHARACTERISTICS

Power	9V Battery (6F22)
LCD Size	73 × 50mm
Product Colour	Red and Grey
Product Net Weight	384g
Product Size	200 × 93 × 40mm
Standard Accessories	UT71C/UT71D - Test Lead, English Manual, Battery, Alligator Clip, USB Interface Cable, Software, Point Contact Temperature Probe, Carrying Bag, Test Clip UT71E - Test Lead, English Manual, Battery, Alligator Clip, USB Interface Cable, Software, Point Contact Temperature Probe, Carrying Bag, Test Clip, Power Adaptor
Standard Individual Packing	Gift Box
Standard Quantity Per Carton	20pcs
Standard Carton Measurement	530 × 360 × 385 mm (0.073CBM Per Standard Carton)
Standard Carton Gross Weight	22kg