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UT71 SERIES

Intelligent Digital Multimeters

UT71C ■ UT71D ■ UT71E



EN:61010-1
EN:61326-1



■ UT71C



■ UT71D



■ UT71E



SPECIFICATIONS

Specifications	Range	Best Accuracy		
		UT71C	UT71D	UT71E
Model				
DC Voltage (V)	400mV/4V/40V/400V/1000V	±(0.025%+5)	±(0.025%+5)	±(0.025%+5)
AC Voltage (V)	4V/40V/400V/1000V	±(0.4%+30)	±(0.4%+30)	±(0.4%+30)
DC Current (A)	400µA/4000µA/40mA/400mA/10A	±(0.1%+15)	±(0.1%+15)	±(0.1%+15)
AC Current (A)	400µA/4000µA/40mA/400mA/10A	±(0.7%+15)	±(0.7%+15)	±(0.7%+15)
Resistance (Ω)	400Ω/4KΩ/40KΩ/400KΩ/4MΩ/40MΩ	±(0.3%+8)	±(0.3%+8)	±(0.3%+8)
Capacitance (F)	40nF/400nF/4µF/40µF/400µF/4mF/40mF	±(1%+20)	±(1%+20)	±(1%+20)
Frequency (Hz)	40Hz-400MHz	±(0.01%+8)	±(0.01%+8)	±(0.01%+8)
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)
Power (W)	2500W			±(2%+5)
Features				
Display Count		39999	39999	39999
Auto Range		✓	✓	✓
True RMS		✓	✓	✓
Bandwidth (Hz)	100KHz	✓	✓	✓
Duty Cycle	10% ~ 90%	±(1%+30)	±(1%+30)	±(1%+30)
Diode		✓	✓	✓
Auto Power Off		✓	✓	✓
Continuity Buzzer		✓	✓	✓
Low Battery Indication		✓	✓	✓
Data Hold		✓	✓	✓
Relative Mode		✓	✓	✓
MAX/MIN		✓	✓	✓
Data Logging		100	9999	100
USB Interface		✓	✓	✓
Double Backlight		✓	✓	✓
Analogue Bar Graph		✓	✓	✓
Full Icon Display		✓	✓	✓
Setup		✓	✓	✓
Input Impedance for DCV	DC 400mV: Around 2.5GΩ, All Other Range: 10MΩ	✓	✓	✓
4 - 20mA Loop	0~100%	±(1%+50)	±(1%+50)	±(1%+50)
Fused 10 A		✓	✓	✓
Current Measurement Alarm		✓	✓	✓
Voltage & Current AC+DC Measurement		✓	✓	✓

GENERAL CHARACTERISTICS

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