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UT61 SERIES

Modern Digital Multimeters

UT61C ■ UT61D ■ UT61E



EN:61010-1
EN:61326-1



■ UT61C



■ UT61D



■ UT61E



SPECIFICATIONS

Specifications Model	Range	Best Accuracy		
		UT61C	UT61D	UT61E
DC Voltage (V)	60mV/600mV/6V/60V/600V/1000V 220mV/2.2V/22V/220V/1000V	±(0.5%+1)	±(0.5%+1)	±(0.1%+2)
AC Voltage (V)	60mV/600mV/6V/60V/600V/750V 220mV/2.2V/22V/220V/750V	±(1.0%+3)	±(1.0%+3)	±(0.8%+10)
DC Current (A)	600µA/6000µA/60mA/600mA/6A/10A 200µA/2200µA/22mA/220mA/2.2A/10A	±(1.0%+3)	±(1.0%+3)	±(0.5%+10)
AC Current (A)	600µA/6000µA/60mA/600mA/6A/10A 200µA/2200µA/22mA/220mA/2.2A/10A	±(1.2%+5)	±(1.2%+5)	±(0.8%+10)
Resistance (Ω)	600Ω/6KΩ/60KΩ/600KΩ/6MΩ/60MΩ 220Ω/2.2KΩ/22KΩ/220KΩ /2.2MΩ/22MΩ/220MΩ	±(1.0%+2)	±(1.0%+2)	±(0.5%+10)
Capacitance (F)	40nF/400nF/4µF/40µF/400µF/4000µF 22nF/220nF/2.2µF/22µF/220µF /2.2mF/22mF/220mF	±(3.0%+5)	±(3.0%+5)	±(3.0%+5)
Frequency (Hz)	10Hz-10MHz 10Hz-220MHz	±(0.1%+4)	±(0.1%+4)	±(0.01%+5)
Temperature (°C)	-40°C ~ 1000°C	±(1.2%+3)		
Temperature (°F)	-40°F ~ 1832°F	±(1.2%+4)		
Features				
Display Count		6000	6000	22000
Auto Range		✓	✓	✓
True RMS		✓	✓	✓
Bandwidth (Hz)		45Hz~1kHz	45Hz~3kHz	45Hz~10kHz
Duty Cycle	0.1%~ 99.9%	✓	✓	✓
Diode		✓	✓	✓
Auto Power Off	Around 15 Minutes	✓	✓	✓
Continuity Buzzer		✓	✓	✓
Low Battery Indication	≤7.5V	✓	✓	✓
Data Hold		✓	✓	✓
Relative Mode		✓	✓	✓
MAX/MIN		✓	✓	✓
Peak Value				✓
RS-232		✓	✓	✓
LCD Backlight		✓	✓	✓
Analogue Bar Graph		61	61	46
Input Protection		✓	✓	✓
Input Impedance for DCV	Around 10MΩ	✓	✓	✓

GENERAL CHARACTERISTICS

Power	9V Battery (6F22)
LCD Size	65mm × 43mm
Product Color	Red and Grey
Product Net Weight	370g
Product Size	180mm × 87mm × 47mm
Standard Accessories	UT61C-Battery, Test lead, Multi-Purpose Socket, RS-232 Interface Cable, PC Software CD, Point contact Temperature Probe
Standard Individual Packing	Gift Box, English Manual
Standard Quantity Per Carton	20 PCs
Standard Carton Measurement	465mm × 335mm × 345mm
Standard Carton Gross Weight	12 Kg
Optional Accessories	USB Interface Cable