

UT61 Series
Modern Digital Multimeters
UT61C UT61D UT61E

Introduction

Safety Rating
 CAT III 1000V
 CAT IV 600V

Certifications
 GS
 CE
 EN:61010-1
 EN:61326-1

Specifications	Range	Best Accuracy		
		UT61C	UT61D	UT61E
Model		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/2 20MΩ	±(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/22 mF/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 Characteristic

Power	9V Battery (6F22)
LCD Size	65mm X 43 mm
Product Color	Red and Grey
Product Net Weight	370g
Product Size	180mm X 87mm X 47 mm
Standard Accessories	UT61C-Battery, Test Lead,Muli-Purpose Socket,RS-232 Interface Cable,PC Software CD,Point Contact Temperature Probe
	UT61D/UT61E-Battery, Test Lead,Muli-Purpose Socket,RS-232 Interface Cable,PC Software CD

Standard Individual Packing	Gift Box, English Manual
Standard Quantity Per Carton	20 PCs
Standard Carton Measurement	465mm X 335mm X 345mm
Standard Carton Gross Weight	12 Kg
Optional Accessories	USB Interface Cable