

UT61 Series
Modern Digital Multimeters
UT61A UT61B

Introduction

Safety Rating

CAT III 1000V
CAT IV 600V

Certifications

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

Specifications	Range	Best Accuracy	
		UT61A	UT61B
Model		UT61A	UT61B
DC Voltage (V)	400mV/4V/40V/400V/1000V 40mV/400mV/4V/40V/400V/1000V	±(0.8%+1)	±(0.5%+1)
AC Voltage (V)	400mV/4V/40V/400V/750V 40mV/400mV/4V/40V/400V/750V	±(1%+3)	±(1%+3)
DC Current (A)	400µA/4000µA/40mA/400mA/4A/10A	±(1%+2)	±(1%+2)
AC Current (A)	400µA/4000µA/40mA/400mA/4A/10A	±(1.2%+5)	±(1.2%+5)
Resistance (Ω)	400Ω/4KΩ/40KΩ/400KΩ/4MΩ/40MΩ	±(1%+2)	±(1%+2)
Capacitance (F)	40nF/400nF/4µF/40µF/400µF/4000µF	±(3%+5)	±(3%+5)
Frequency (Hz)	10Hz-10MHz	±(0.1%+4)	±(0.1%+4)
Temperature (°C)	-40 °C ~ 1000°C		±(1.2%+3)
Temperature (°F)	-40°F~1832°F		±(1.2%+4)

Features

Display Count		4000	4000
Auto Range		√	√
Manual Range		√	√
Bandwidth (Hz)	45Hz ~ 400Hz	√	√
Duty Cycle	0.1% ~ 99.9%	√	√
Diode		√	√
Transistor		√	
NCN Function		√	
Auto Power Off	Around 15 Minutes		√
Continuity Buzzer		√	√
Low Battery Indication	≤7.5V	√	√
Data Hold		√	√
Relative Mode		√	√
MAX/MIN		√	√
RS-232			√
LCD Backlight		√	√
Analogue Bar Graph		41	41
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	UT61A-Battery, Test Lead,Muli-Purpose Socket
	UT61B-Battery, Test Lead,Muli-Purpose Socket,RS-232 Interface Cable,Software,Point Contact Temperature Probe
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	UT61B-USB Interface Cable