



UT61 SERIES

Modern Digital Multimeters

UT61E



UT61E

NEW

SPECIFICATIONS

Basic Functions	Range	Best Accuracy
DC Voltage Measurement	220.00mV 2.2000V/22.000V/220.00V/ 1000.0V	$\pm(0.1\%+5)$ $\pm(0.1\%+2)$ $\pm(0.1\%+5)$
AC Voltage Measurement	220.00mV 2.2000V 22.000V 220.00V 750V	45Hz~1kHz >1kHz~10kHz $\pm(1\%+10)$ $\pm(1.5\%+30)$ $\pm(0.8\%+10)$ $\pm(1.2\%+50)$ $\pm(0.8\%+10)$ $\pm(0.8\%+50)$ $\pm(0.8\%+10)$ $\pm(2.0\%+30)$ $\pm(1.2\%+10)$ $\pm(3.0\%+30)$
AC Current Measurement	220.00 μ A/2200.0 μ A 22.000mA/220.00mA 2.2000A/10.000A	$\pm(0.8\%+10)$ $\pm(1.2\%+10)$ $\pm(1.5\%+10)$ $\pm(1.2\%+30)$ $\pm(1.5\%+30)$ $\pm(2.0\%+30)$
DC Current Measurement	220.00 μ A/2200.0 μ A 22.000mA/220.00mA 2.2000A/10.000A	$\pm(0.5\%+10)$ $\pm(0.5\%+10)$ $\pm(1.2\%+50)$
Resistance Measurement	220.00 Ω /2.2000K Ω 22.000K Ω /220.00K Ω 2.2000M Ω 22.000M Ω 220.00M Ω	$\pm(0.5\%+10)$ $\pm(0.5\%+10)$ $\pm(0.8\%+10)$ $\pm(1.5\%+10)$ $\pm(3\%+50)$
Capacitance Measurement	22.000nF 220.00nF/2.2000 μ F/22.000 μ F 220.00 μ F/2.2000mF 22.000mF/220.00mF	$\pm(3\%+5)$ $\pm(3\%+5)$ $\pm(4\%+5)$ Only reference
Frequency	10Hz~220MHZ	$\pm(0.1\%+4)$
Duty Cycle	0.1%~99.9%	✓

Special Functions

Manual Ranging		✓
RS232(USB)		✓
Diode		✓
True RMS		✓
Continuity Buzzer		✓
Data Hold		✓
Analogue Bar Graph	61	✓
REL		✓
Peak		✓
Fuse		✓
Input Impedance for DC Voltage Measurement	Around 10M Ω	✓
Low Battery Display	<7.5V	✓

GENERAL CHARACTERISTICS

Power	9V Battery (6F22) × 1
LCD Size	65 × 43 mm
Product Colour	Red and Grey
Product Net Weight	370g
Product Size	180 × 87 × 47 mm
Standard Accessories	Battery, Test Lead, English Manual, USB Interface Cable, CD
Standard Individual Packing	Gift Box
Standard Quantity Per Carton	20 pcs
Standard Carton Measurement	465 × 335 × 345 mm (0.054CBM Per Standard Carton)
Standard Carton Gross Weight	12kg



UT6I SERIES

Modern Digital Multimeters

UT6IA/UT6IB



UT6IA



UT6IB

SPECIFICATIONS

NEW

Basic Functions	Range	Best Accuracy	
		UT6IA	UT6IB
DC Voltage Measurement	40mV		±(0.8%+3)
	400mV	±(0.8%+3)	±(0.8%+3)
	4V/40V/400V	±(0.5%+1)	±(0.5%+1)
	1000V	±(1%+3)	±(1%+3)
AC Voltage Measurement	40mV		±(1.2%+5)
	400mV	±(1.2%+5)	±(1.2%+5)
	4V/40V/400V	±(1%+3)	±(1%+3)
AC Current Measurement	400.0μA/4000μA	±(1.2%+5)	±(1.2%+5)
	40.00mA/400.0mA	±(1.5%+5)	±(1.5%+5)
	4.000A/10.00A	±(2%+5)	±(2%+5)
DC Current Measurement	400.0μA/4000μA	±(1%+2)	±(1%+2)
	40.00mA/400.0mA	±(1.2%+3)	±(1.2%+3)
	4.000A/10.00A	±(1.5%+3)	±(1.5%+3)
Resistance Measurement	400.0Ω	±(1.2%+2)	±(1.2%+2)
	4.000KΩ/40.00KΩ/400.0KΩ	±(1%+2)	±(1%+2)
	4.000MΩ	±(1.2%+2)	±(1.2%+2)
	40.00MΩ	±(1.5%+2)	±(1.5%+2)
Capacitance Measurement	40.00nF	±(3%+5)	±(3%+5)
	400.0nF/4.000μF/40.00μF	±(3%+5)	±(3%+5)
	400.0μF	±(4%+5)	±(4%+5)
	4000μF	Only reference	
Frequency	10Hz~10MHZ	±(0.1%+4)	±(0.1%+4)
Frequency Response		45~400Hz	45~400Hz
Duty Cycle	0.1%~99.9%	✓	✓
Temperature Measurement (°C)	-40°C~-20°C		-(8%+5)
	>-20°C~0°C		±(1.2%+4)
	>0°C~100°C		±(1.2%+3)
	>100°C~1000°C		±(2.5%+2)
Temperature Measurement (°F)	-40°F~4°F		-(8%+6)
	>4°F~32°F		±(1.2%+5)
	>32°F~212°F		±(1.2%+4)
	>212°F~1832°F		±(2.5%+3)

Special Functions

Manual Ranging		✓	✓
Diode		✓	✓
EF Function		✓	
Audion	1000β	✓	
Continuity Buzzer		✓	✓
Data Hold		✓	✓
Max/Min Mode		✓	✓
Display Backlight		✓	✓
REL		✓	✓
Sleep Mode	Around 15 Minutes		✓
Analogue Bar Graph	41	✓	
RS232C(USB)			✓
Fuse		✓	✓
Input Impedance for DC Voltage Measurement	Around 10MΩ	✓	✓
Low Battery Display	<7.5V	✓	✓

GENERAL CHARACTERISTICS

Power	9V Battery (6F22) × 1
LCD Size	65 × 43 mm
Product Colour	Red and Grey
Product Net Weight	370g
Product Size	180 × 87 × 47 mm
Standard Accessories	Battery, Test Lead, English Manual, Socket Adaptor, RS232 (UT6IB), Software(UT6IB), Point Contact K-Type Temperature Probe(UT6IB)
Optional Accessories	USB
Standard Individual Packing	Gift Box
Standard Quantity Per Carton	20 pcs
Standard Carton Measurement	465 × 335 × 345 mm (0.054CBM Per Standard Carton)
Standard Carton Gross Weight	12kg



UT61 SERIES

Modern Digital Multimeters

UT61C/UT61D

SPECIFICATIONS

NEW

UT61C

UT61D

Basic Functions	Range	Best Accuracy	
		UT61C	UT61D
DC Voltage Measurement	60,00mV/600.0mV	$\pm(0.8\%+3)$	$\pm(0.8\%+3)$
	6V/60V/600V	$\pm(0.5\%+1)$	$\pm(0.5\%+1)$
	1000V	$\pm(1\%+3)$	$\pm(1\%+3)$
AC Voltage Measurement	60,00mV/600.0mV	45~1kHz $\pm(1.2\%+5)$	45~1kHz $\pm(1.2\%+5)$
	6V/60V	$\pm(1\%+3)$	$\pm(1\%+3)$
	600V	$\pm(1\%+3)$	$\pm(1\%+3)$
	750V	$\pm(1.2\%+5)$	$\pm(1.2\%+5)$
			>1kHz~3kHz $\pm(2.0\%+5)$
AC Current Measurement	600.0μA/6000μA	$\pm(1.2\%+5)$	$\pm(1.2\%+5)$
	60,00mA/600.0mA	$\pm(1.5\%+5)$	$\pm(1.5\%+5)$
	6,000A/10,00A	$\pm(2\%+5)$	$\pm(2\%+5)$
DC Current Measurement	600.0μA/6000μA	$\pm(1\%+3)$	$\pm(1\%+3)$
	60,00mA/600.0mA	$\pm(1\%+3)$	$\pm(1\%+3)$
	6,000A/10,00A	$\pm(1.2\%+5)$	$\pm(1.2\%+5)$
Resistance Measurement	600.0Ω	$\pm(1.2\%+2)$	$\pm(1.2\%+2)$
	6,000KΩ/60,00KΩ/600.0KΩ	$\pm(1\%+2)$	$\pm(1\%+2)$
	6,000MΩ	$\pm(1.2\%+2)$	$\pm(1.2\%+2)$
	60,00MΩ	$\pm(1.5\%+2)$	$\pm(1.5\%+2)$
Capacitance Measurement	40,00nF	$\pm(3\%+5)$	$\pm(3\%+5)$
	400.0nF/4,000μF/40,00μF	$\pm(3\%+5)$	$\pm(3\%+5)$
	400.0μF	$\pm(4\%+5)$	$\pm(4\%+5)$
	4000μF	Only reference	Only reference
Frequency	10Hz~10MHZ	$\pm(0.1\%+4)$	$\pm(0.1\%+4)$
Duty Cycle	0,1%~99,9%	✓	✓
Temperature Measurement (°C)	-40°C~-20°C	$-(8\%+5)$	
	>-20°C~0°C	$\pm(1.2\%+4)$	
	>0°C~100°C	$\pm(1.2\%+3)$	
	>100°C~1000°C	$\pm(2.5\%+2)$	
Temperature Measurement (°F)	-40°F~4°F	$-(8\%+6)$	
	>4°F~32°F	$\pm(1.2\%+5)$	
	>32°F~212°F	$\pm(1.2\%+4)$	
	>212°F~1832°F	$\pm(2.5\%+3)$	

Special Functions

Manual Ranging	✓	✓
Diode	✓	✓
True RMS		✓
Continuity Buzzer	✓	✓
Data Hold	✓	✓
Max/Min Mode	✓	✓
Display Backlight	✓	✓
REL	✓	✓
Sleep Mode	✓	✓
RS232(USB)	✓	✓
Fuse	✓	✓
Input Impedance for DC Voltage Measurement	Around 10MΩ	✓
Low Battery Display	<7.5V	✓

GENERAL CHARACTERISTICS

Power	9V Battery (6F22) x 1
LCD Size	65 x 43 mm
Product Colour	Red and Grey
Product Net Weight	370g
Product Size	180 x 87 x 47 mm
Standard Accessories	Battery, Test Lead, English Manual, Socket Adaptor, RS232 Software, Point Contact K-Type Temperature Probe (UT61C Only)
Optional Accessories	USB
Standard Individual Packing	Gift Box
Standard Quantity Per Carton	20 pcs
Standard Carton Measurement	465 x 335 x 345 mm (0.054CBM Per Standard Carton)
Standard Carton Gross Weight	12kg