

Code: UT-61E

UNIVERSAL METER UT-61E UNI-T

Net: 70.09 EUR Gross: 70.09 EUR

The UT-61E is a universal digital meter used to measure: voltage, current, resistance, capacitance, frequency, and checking the correctness of diodes operation.

The device has an automatic change of measuring ranges.



SPECIFICATION

DC voltage measurement:	220 mV $\pm$ (0.1% + 5) @ 0.01 mV , 2.2 V $\pm$ (0.1% + 2) @ 0.1 mV , 22 V $\pm$ (0.1% + 2) @ 1 mV , 220 V $\pm$ (0.1% + 2) @ 10 mV , 1000 V $\pm$ (0.1% + 5) @ 0.1 V
AC voltage measurement:	• 220 mV @ 0.01 mV : $\pm$ (1% + 10) @ 45 Hz ... 1 kHz $\pm$ (1.5% + 50) @ 1 kHz ... 10 kHz • 2.2 V @ 0.1 mV : $\pm$ (0.8% + 10) @ 45 Hz ... 1 kHz $\pm$ (1.2% + 50) @ 1 kHz ... 10 kHz • 22 V @ 1 mV : $\pm$ (0.8% + 10) @ 45 Hz ... 1 kHz $\pm$ (1.2% + 50) @ 1 kHz ... 10 kHz • 220 V @ 0.01 V : $\pm$ (0.8% + 10) @ 45 Hz ... 1 kHz $\pm$ (2% + 50) @ 1 kHz ... 10 kHz • 750 V @ 0.1 V : $\pm$ (1.2% + 10) @ 45 Hz ... 1 kHz $\pm$ (3% + 50) @ 1 kHz ... 10 kHz
DC current measurement:	220 μ A $\pm$ (0.5% + 10) @ 0.01 μ A , 2200 μ A $\pm$ (0.5% + 10) @ 0.1 μ A , 22 mA $\pm$ (0.5% + 10) @ 0.001 mA , 220 mA $\pm$ (0.5% + 10) @ 0.01 mA , 2.2 A $\pm$ (1.2% + 50) @ 0.001 A , 10 A $\pm$ (1.2% + 50) @ 0.001 A

AC current measurement:	• 220 μA @ 0.01 μA : $\pm (0.8\% + 10)$ @ 45 Hz ... 1 kHz $\pm (1.2\% + 50)$ @ 1 kHz ... 10 kHz • 2200 μA @ 0.1 μA : $\pm (0.8\% + 10)$ @ 45 Hz ... 1 kHz $\pm (1.2\% + 50)$ @ 1 kHz ... 10 kHz • 22 mA @ 0.001 mA : $\pm (1.2\% + 10)$ @ 45 Hz ... 1 kHz $\pm (1.5\% + 50)$ @ 1 kHz ... 10 kHz • 220 mA @ 0.01 mA : $\pm (1.2\% + 10)$ @ 45 Hz ... 1 kHz $\pm (1.5\% + 50)$ @ 1 kHz ... 10 kHz • 2.2 A @ 0.1 mA : $\pm (0.8\% + 10)$ @ 45 Hz ... 1 kHz $\pm (0.8\% + 10)$ @ 1 kHz ... 5 kHz • 10 A @ 0.001 A : $\pm (1.5\% + 10)$ @ 45 Hz ... 1 kHz $\pm (2\% + 50)$ @ 1 kHz ... 10 kHz
Resistance measurement:	220 $\Omega \pm (1.2\% + 2)$ @ 0.1 Ω , 2.2 k $\Omega \pm (1\% + 2)$ @ 1 Ω , 22 k $\Omega \pm (1\% + 2)$ @ 10 Ω , 220 k $\Omega \pm (1\% + 2)$ @ 100 Ω , 2.2 M $\Omega \pm (1.2\% + 2)$ @ 1 k Ω , 22 M $\Omega \pm (1.5\% + 2)$ @ 10 k Ω , 220 M $\Omega \pm (3\% + 50)$ @ 0.01 M Ω
Capacitance measurement:	22 nF $\pm (3\% + 5)$ @ 0.001 nF , 220 nF $\pm (3\% + 5)$ @ 0.01 nF , 2.2 μ F $\pm (3\% + 5)$ @ 0.1 nF , 22 μ F $\pm (3\% + 5)$ @ 1 nF , 2.2 mF $\pm (4\% + 5)$ @ 0.0001 mF , 22 mF $\pm (4\% + 5)$ @ 0.001 mF , 220 mF @ 0.01 mF
Inductance measurement:	—
Frequency measurement:	10 Hz ... 220 MHz $\pm (0.01 + 5)$
Temperature measurement:	—
Automatic change of measuring ranges:	✓
hFE:	—
Diode test:	✓
Sound signal of the continuity test:	✓
Checking TTL logic states:	—
RS-232:	✓
USB:	—
Main features:	• Large, readable LCD display with backlight • Writing the value peak • Hold - stopping the meter reading • REL - relative measurement mode • Bargraf - analog bar - 46 segments • Aesthetic and solid construction
Power supply:	9V, type 6F22 battery - included
Weight:	0.35 kg
Dimensions:	180 x 87 x 45 mm
Manufacturer / Brand:	UNI-T
Guarantee:	2 years

PRESENTATION



DELTA-OPTI Monika Matysiak; <https://www.delta.poznan.pl>
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Rear view:



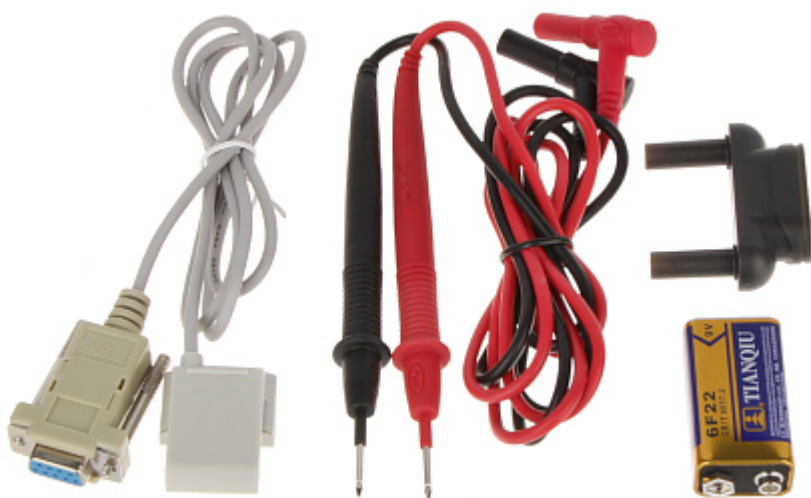
Place for 9V battery:



Included, among others measuring adapter:



In the kit:



PACKAGE

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Dimensions (L x W x H): 0x0x0 mm	Gross Weight: 0 kg
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