

Code: UT-61C

UNIVERSAL METER UT-61C UNI-T

Net: 57.17 EUR Gross: 57.17 EUR

The UT-61C 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:	60 mV $\pm$ (0.8% + 3) 0.01 mV , 600 mV $\pm$ (0.8% + 3) @ 0.1 mV , 6 V $\pm$ (0.5% + 1) @ 0.001 V , 60 V $\pm$ (0.5% + 1) @ 0.01 V , 600 V $\pm$ (0.5% + 1) @ 0.1 V , 1000 V $\pm$ (1% + 3) @ 0.1 V
AC voltage measurement:	60 mV @ 0.01 mV : $\pm$ (1.2% + 5) @ 45 Hz ... 1 kHz 600 mV @ 0.1 mV : $\pm$ (1.2% + 5) @ 45 Hz ... 1 kHz 6 V @ 0.001 V : $\pm$ (1% + 3) @ 45 Hz ... 1 kHz 60 V @ 0.01 V : $\pm$ (1% + 3) @ 45 Hz ... 1 kHz 600 V @ 0.1 V : $\pm$ (1% + 3) @ 45 Hz ... 1 kHz 750 V @ 1 V : $\pm$ (1.2% + 5) @ 45 Hz ... 1 kHz
DC current measurement:	600 μ A $\pm$ (1% + 3) @ 0.1 μ A , 6000 μ A $\pm$ (1% + 3) @ 1 μ A , 60 mA $\pm$ (1% + 3) @ 0.01 mA , 600 mA $\pm$ (1% + 3) @ 0.1 mA , 6 A $\pm$ (1.2% + 5) @ 0.001 A , 10 A $\pm$ (1.2% + 5) @ 0.01 A
AC current measurement:	600 μ A @ 0.1 μ A : $\pm$ (1.2% + 5) @ 45 Hz ... 1 kHz 6000 μ A @ 1 μ A : $\pm$ (1.2% + 5) @ 45 Hz ... 1 kHz 60 mA @ 0.01 mA : $\pm$ (1.5%+5) @ 45 Hz ... 1 kHz 600 mA @ 0.1 mA : $\pm$ (1.5%+5) @ 45 Hz ... 1 kHz 6 A @ 0.001 A : $\pm$ (2% + 5) @ 45 Hz ... 1 kHz 10 A @ 0.01 A : $\pm$ (2% + 5) @ 45 Hz ... 1 kHz
Resistance measurement:	600 Ω $\pm$ (1.2% + 2) @ 0.1 Ω , 6 k Ω $\pm$ (1% + 2) @ 1 Ω , 60 k Ω $\pm$ (1% + 2) @ 10 Ω , 600 k Ω $\pm$ (1% + 2) @ 100 Ω , 6 M Ω $\pm$ (1.2% + 2) @ 1 k Ω , 60 M Ω $\pm$ (1.5% + 2) @ 10 k Ω

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Capacitance measurement:	40 nF ± (3% + 5) @ 10 pF , 400 nF ± (3% + 5) @ 100 pF , 4 μF ± (3% + 5) @ 1 nF , 40 μF ± (3% + 5) @ 10 nF , 400 μF ± (4% + 5) @ 100 nF , 4000 μF @ 1 μF
Inductance measurement:	—
Frequency measurement:	10 Hz ... 10 MHz ± (0.1 + 4)
Temperature measurement:	• °C -40 ... -20 °C - (8% + 6) @ 1 °C -20 ... 0 °C ± (1.2% + 4) @ 1 °C 0 ... 100 °C ± (1.2% + 3) @ 1 °C 100 ... 1000 °C ± (2.5% + 2) @ 1 °C , • °F -40 ... 4 °F ± (8% + 6) @ 1 °F 4 ... 32 °F ± (1.2% + 5) @ 1 °F 32 ... 212 °F ± (1.2% + 4) @ 1 °F 212 ... 1832 °F (2.5% + 3) @ 1 °F
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 MAX / MIN • Hold - stopping the meter reading • REL - relative measurement mode • Bargraf - analog bar - 61 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



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Rear view:



Place for 9V battery:



Included, among others measuring adapter:



In the kit:



PACKAGE

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