

Code: UT-71A

UNIVERSAL METER UT-71A UNI-T

Net: 175.09 EUR Gross: 175.09 EUR

The UT-71A is a universal digital meter used to measure: voltage, current, resistance, inductance, capacitance, frequency, temperature and checking the correct operation of diodes. The meter has the function of automatic change of measuring ranges, as well as the relative measurement mode.



SPECIFICATION

DC voltage measurement:	200 mV \pm (0.1% + 8) @ 0.01 mV, 2 V \pm (0.1% + 8) @ 0.0001 V, 20 V \pm (0.1% + 8) @ 0.001 V, 200 V \pm (0.1% + 8) @ 0.01 V, 1000 V \pm (0.15% + 8) @ 0.1 V
AC voltage measurement:	<ul style="list-style-type: none">• 2 V @ 0.0001 V : \pm (0.8% + 40) @ 45 Hz ... 1 kHz \pm (3% + 40) @ 1 kHz ... 10 kHz \pm (7% + 40) @ 10 kHz ... 100 kHz• 20 V @ 0.001 V : \pm (0.8% + 40) @ 45 Hz ... 1 kHz \pm (3% + 40) @ 1 kHz ... 10 kHz \pm (7% + 40) @ 10 kHz ... 100 kHz• 200 V @ 0.01 V : \pm (0.8% + 40) @ 45 Hz ... 1 kHz \pm (5% + 40) @ 1 kHz ... 10 kHz• 1000 V @ 0.1 V : \pm (1.5% + 40) @ 45 Hz ... 1 kHz \pm (6% + 40) @ 1 kHz ... 5 kHz \pm (10% + 40) @ 5 kHz ... 100 kHz
DC current measurement:	200 μ A \pm (0.2% + 20) @ 0.01 μ A , 2000 μ A \pm (0.2% + 20) @ 0.1 μ A , 20 mA \pm (0.2% + 20) @ 0.001 mA , 200 mA \pm (0.2% + 20) @ 0.01 mA , 10 A \pm (0.8% + 30) @ 0.001 mA

AC current measurement:	<ul style="list-style-type: none"> • 200 μA @ 0.01 μA : $\pm (1\% + 15)$ @ 45 Hz ... 1 kHz $\pm (2\% + 40)$ @ 1 kHz ... 10 kHz • 2000 μA @ 0.1 μA : $\pm (1\% + 15)$ @ 45 Hz ... 1 kHz $\pm (2\% + 40)$ @ 1 kHz ... 10 kHz • 20 mA @ 0.001 mA : $\pm (1\% + 15)$ @ 45 Hz ... 1 kHz $\pm (2\% + 40)$ @ 1 kHz ... 10 kHz • 200 mA @ 0.01 mA : $\pm (1\% + 15)$ @ 45 Hz ... 1 kHz $\pm (2\% + 40)$ @ 1 kHz ... 10 kHz • 10 A @ 0.001 A : $\pm (2\% + 20)$ @ 45 Hz ... 1 kHz $\pm (2\% + 40)$ @ 1 kHz ... 10 kHz
Resistance measurement:	200 $\Omega \pm (0.5\% + 20)$ + test leads resistance @ 0.01 Ω , 2 k $\Omega \pm (0.5\% + 20)$ @ 0.0001 k Ω , 20 k $\Omega \pm (0.5\% + 20)$ @ 0.001 k Ω , 200 k $\Omega \pm (1\% + 20)$ @ 0.01 k Ω , 2 M $\Omega \pm (1\% + 40)$ @ 0.0001 M Ω , 20 M $\Omega \pm (1.5\% + 40)$ @ 0.001 M Ω
Capacitance measurement:	20 nF $\pm (1.5\% + 20)$ + capacity of test leads @ 0.001 nF , 200 nF $\pm (1.5\% + 20)$ @ 0.01 nF , 2 μ F $\pm (1.5\% + 20)$ @ 0.0001 μ F , 20 μ F $\pm (1.5\% + 40)$ @ 0.001 μ F , 400 μ F $\pm (1.5\% + 40)$ @ 0.01 μ F , 2 mF $\pm (5\% + 40)$ @ 0.0001 mF 20 mF @ 0.001 mF
Inductance measurement:	—
Frequency measurement:	20 Hz $\pm (0.1\% + 15)$ @ 0.001 Hz 200 Hz $\pm (0.1\% + 15)$ @ 0.01 Hz 2 kHz $\pm (0.1\% + 15)$ @ 0.0001 Hz 20 kHz $\pm (0.1\% + 15)$ @ 0.001 Hz 200 kHz $\pm (0.1\% + 15)$ @ 0.01 Hz 2 MHz $\pm (0.1\% + 15)$ @ 0.0001 MHz 20 MHz $\pm (0.1\% + 15)$ @ 0.001 Hz 200 MHz @ 0.01 MHz
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:	<ul style="list-style-type: none"> • Freezing the last reading, • Freezing the highest or lowest measurement, • Writing the value peak, • REL - relative measurement mode, • Analog bargraph, • Possibility to save readings, access saved results and send them to a computer using the USB interface, • Large, readable LCD display with backlight, • Low battery level alarm, • Aesthetic and solid construction, • The set includes short test leads with crocodile clips, • The set includes a practical case
Power supply:	9V, type 6F22 battery - included
Weight:	0.35 kg

Dimensions:	203 x 93 x 40 mm
Manufacturer / Brand:	UNI-T
Guarantee:	2 years

PRESENTATION

Front panel:



Rear view:



Place for batteries 2 x 1.5V AAA:



In the kit:



Device is secured by handy case:



PACKAGE

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