

Code: UT-801

LABORATORY METER UT-801 UNI-TNet: **103.73 EUR** Gross: **103.73 EUR**

The UT-801 is a digital laboratory meter used to measure: voltage, current, resistance, capacity, frequency, temperature and to check the correct operation of diodes.

**SPECIFICATION**

DC voltage measurement:	<ul style="list-style-type: none"> • $200 \text{ mV} \pm (0.5\% + 2) @ 0.1 \text{ mV}$, • $2 \text{ V} \pm (0.5\% + 2) @ 1 \text{ mV}$, • $20 \text{ V} \pm (0.5\% + 2) @ 10 \text{ mV}$, • $200 \text{ V} \pm (0.5\% + 2) @ 100 \text{ mV}$, • $1000 \text{ V} \pm (0.8\% + 3) @ 1 \text{ V}$
AC voltage measurement:	<ul style="list-style-type: none"> • $2 \text{ V} \pm (0.8\% + 3) @ 1 \text{ mV}$, • $20 \text{ V} \pm (1.0\% + 4) @ 10 \text{ mV}$, • $200 \text{ V} \pm (1.0\% + 4) @ 100 \text{ mV}$, • $1000 \text{ V} \pm (1.0\% + 4) @ 1 \text{ V}$
DC current measurement:	<ul style="list-style-type: none"> • $200 \mu\text{A} \pm (0.8\% + 2) @ 0.1 \mu\text{A}$, • $2 \text{ mA} \pm (0.8\% + 2) @ 0.001 \text{ mA}$, • $20 \text{ mA} \pm (0.8\% + 2) @ 0.01 \text{ mA}$, • $200 \text{ mA} \pm (0.8\% + 2) @ 0.1 \text{ mA}$, • $10 \text{ A} \pm (2.0\% + 4) @ 0.01 \text{ A}$
AC current measurement:	<ul style="list-style-type: none"> • $2 \text{ mA} \pm (1.0\% + 3) @ 0.001 \text{ mA}$, • $20 \text{ mA} \pm (1.0\% + 3) @ 0.01 \text{ mA}$, • $200 \text{ mA} \pm (1.0\% + 3) @ 0.1 \text{ mA}$, • $10 \text{ A} \pm (2.5\% + 5) @ 0.01 \text{ A}$
Resistance measurement:	<ul style="list-style-type: none"> • $200 \Omega \pm (0.8\% + 3) @ 0.1 \Omega$, • $2 \text{ k}\Omega \pm (0.8\% + 3) @ 1 \Omega$, • $20 \text{ k}\Omega \pm (0.8\% + 3) @ 10 \Omega$, • $200 \text{ k}\Omega \pm (0.8\% + 3) @ 100 \Omega$, • $2 \text{ M}\Omega \pm (0.8\% + 3) @ 1 \text{ k}\Omega$, • $20 \text{ M}\Omega \pm (1.2\% + 5) @ 10 \text{ k}\Omega$
Capacitance measurement:	<ul style="list-style-type: none"> • $20 \text{ nF} \pm (4\% + 3) @ 0.01 \text{ nF}$, • $2 \mu\text{F} \pm (4\% + 3) @ 0.001 \mu\text{F}$, • $200 \mu\text{F} \pm (5\% + 5) @ 0.1 \mu\text{F}$
Inductance measurement:	—
Frequency measurement:	<ul style="list-style-type: none"> • $2 \text{ kHz} \pm (1.5\% + 5) @ 1 \text{ Hz}$, • $200 \text{ MHz} \pm (1.5\% + 5) @ 100 \text{ Hz}$
Temperature measurement:	<ul style="list-style-type: none"> • $-40 \text{ }^\circ\text{C} \dots -20 \text{ }^\circ\text{C} \pm (8\% + 5) @ 1 \text{ }^\circ\text{C}$, • $-20 \text{ }^\circ\text{C} \dots 0 \text{ }^\circ\text{C} \pm (1.2\% + 4) @ 1 \text{ }^\circ\text{C}$, • $0 \dots 100 \text{ }^\circ\text{C} \pm (1.2\% + 3) @ 1 \text{ }^\circ\text{C}$, • $100 \dots 1000 \text{ }^\circ\text{C} \pm (2.5\% + 2) @ 1 \text{ }^\circ\text{C}$
Automatic change of measuring ranges:	—

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hFE:	✓
Diode test:	✓
Sound signal of the continuity test:	✓
Checking TTL logic states:	—
RS-232:	—
USB:	—
Main features:	<ul style="list-style-type: none"> • Large, readable LCD display with backlight • Hold - stopping the meter reading • Aesthetic and solid construction
Power supply:	<ul style="list-style-type: none"> • 6 x 1.5V, type R14/LR14 battery (not included), • 9 V DC / 200 mA (power adapter included)
Weight:	1.61 kg
Dimensions:	306 x 243 x 107 mm
Manufacturer / Brand:	UNI-T
Guarantee:	2 years

PRESENTATION



Rear view:



The device has a practical storage compartment for accessories:



Place for batteries 6 x 1.5V R14/LR14:





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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