

Code: UT-801

LABORATORY METER **UT-801** UNI-T

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.



DC voltage measurement:	• $200\text{ mV} \pm (0.5\% + 2)$ @ 0.1 mV, • $2\text{ V} \pm (0.5\% + 2)$ @ 1 mV, • $20\text{ V} \pm (0.5\% + 2)$ @ 10 mV, • $200\text{ V} \pm (0.5\% + 2)$ @ 100 mV, • $1000\text{ V} \pm (0.8\% + 3)$ @ 1 V
AC voltage measurement:	• $2\text{ V} \pm (0.8\% + 3)$ @ 1 mV, • $20\text{ V} \pm (1.0\% + 4)$ @ 10 mV, • $200\text{ V} \pm (1.0\% + 4)$ @ 100 mV, • $1000\text{ V} \pm (1.0\% + 4)$ @ 1 V
DC current measurement:	• $200\text{ }\mu\text{A} \pm (0.8\% + 2)$ @ $0.1\text{ }\mu\text{A}$, • $2\text{ mA} \pm (0.8\% + 2)$ @ 0.001 mA, • $20\text{ mA} \pm (0.8\% + 2)$ @ 0.01 mA, • $200\text{ mA} \pm (0.8\% + 2)$ @ 0.1 mA, • $10\text{ A} \pm (2.0\% + 4)$ @ 0.01 A
AC current measurement:	• $2\text{ mA} \pm (1.0\% + 3)$ @ 0.001 mA, • $20\text{ mA} \pm (1.0\% + 3)$ @ 0.01 mA, • $200\text{ mA} \pm (1.0\% + 3)$ @ 0.1 mA, • $10\text{ A} \pm (2.5\% + 5)$ @ 0.01 A
Resistance measurement:	• $200\text{ }\Omega \pm (0.8\% + 3)$ @ $0.1\text{ }\Omega$, • $2\text{ k}\Omega \pm (0.8\% + 3)$ @ $1\text{ }\Omega$, • $20\text{ k}\Omega \pm (0.8\% + 3)$ @ $10\text{ }\Omega$, • $200\text{ k}\Omega \pm (0.8\% + 3)$ @ $100\text{ }\Omega$, • $2\text{ M}\Omega \pm (0.8\% + 3)$ @ $1\text{ k}\Omega$, • $20\text{ M}\Omega \pm (1.2\% + 5)$ @ $10\text{ k}\Omega$
Capacitance measurement:	• $20\text{ nF} \pm (4\% + 3)$ @ 0.01 nF, • $2\text{ }\mu\text{F} \pm (4\% + 3)$ @ $0.001\text{ }\mu\text{F}$, • $200\text{ }\mu\text{F} \pm (5\% + 5)$ @ $0.1\text{ }\mu\text{F}$
Inductance measurement:	—
Frequency measurement:	• $2\text{ kHz} \pm (1.5\% + 5)$ @ 1 Hz, • $200\text{ MHz} \pm (1.5\% + 5)$ @ 100 Hz

Temperature measurement:	• -40 °C ... -20 °C $\pm$ (8% + 5) @ 1 °C, • -20 °C ... 0 °C $\pm$ (1.2% + 4) @ 1 °C, • 0 ... 100 °C $\pm$ (1.2% + 3) @ 1 °C, • 100 ... 1000 °C $\pm$ (2.5% + 2) @ 1 °C
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 • Hold - stopping the meter reading • Aesthetic and solid construction
Power supply:	• 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