DATA SHEET

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 mV ± (0.5% + 2) @ 0.1 mV, • 2 V ± (0.5% + 2) @ 1 mV, • 20 V ± (0.5% + 2) @ 10 mV, • 200 V ± (0.5% + 2) @ 100 mV, • 1000 V ± (0.8% + 3) @ 1 V
AC voltage measurement:	• 2 V ± (0.8% + 3) @ 1 mV, • 20 V ± (1.0% + 4) @ 10 mV, • 200 V ± (1.0% + 4) @ 100 mV, • 1000 V ± (1.0% + 4) @ 1 V
DC current measurement:	• 200 µA ± (0.8% + 2) @ 0.1 µA, • 2 mA ± (0.8% + 2) @ 0.001 mA, • 20 mA ± (0.8% + 2) @ 0.01 mA, • 200 mA ± (0.8% + 2) @ 0.1 mA, • 10 A ± (2.0% + 4) @ 0.01 A
AC current measurement:	• 2 mA ± (1.0% + 3) @ 0.001 mA, • 20 mA ± (1.0% + 3) @ 0.01 mA, • 200 mA ± (1.0% + 3) @ 0.1 mA, • 10 A ± (2.5% + 5) @ 0.01 A
Resistance measurement:	• 200 Ω ± (0.8% + 3) @ 0.1 Ω, • 2 kΩ ± (0.8% + 3) @ 1 Ω, • 20 kΩ ± (0.8% + 3) @ 10 Ω, • 200 kΩ ± (0.8% + 3) @ 100 Ω, • 2 MΩ ± (0.8% + 3) @ 1 kΩ, • 20 MΩ ± (1.2% + 5) @ 10 kΩ
Capacitance measurement:	• 20 nF ± (4% + 3) @ 0.01 nF, • 2 µF ± (4% + 3) @ 0.001 µF, • 200 µF ± (5% + 5) @ 0.1 µF
Inductance measurement:	–
Frequency measurement:	• 2 kHz ± (1.5% + 5) @ 1 Hz, • 200 MHz ± (1.5% + 5) @ 100 Hz

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Temperature measurement:	• -40 °C ... -20 °C ± (8% + 5) @ 1 °C, • -20 °C ... 0 °C ± (1.2% + 4) @ 1 °C, • 0 ... 100 °C ± (1.2% + 3) @ 1 °C, • 100 ... 1000 °C ± (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

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