

Code: UT-8802E

LABORATORY METER **UT-8802E** UNI-T

The UT-8802E is a digital laboratory meter used to measure: voltage, current, resistance, capacity, frequency, and to check the correct operation of diodes.



DC voltage measurement:	• 200 mV $\pm$ (0.1% + 5) @ 0.01 mV, • 2 V $\pm$ (0.1% + 3) @ 0.1 mV, • 20 V $\pm$ (0.1% + 3) @ 0.001 V, • 200 V $\pm$ (0.1% + 3) @ 0.01 V, • 1000 V $\pm$ (0.2% + 5) @ 0.1 V
AC voltage measurement:	• 2 V @ 100 μV $\pm$ (0.5% + 20) @ 40 Hz ... 1 kHz • 20 V @ 1 mV $\pm$ (0.5% + 20) @ 40 Hz ... 1 kHz • 200 V @ 10 mV $\pm$ (0.5% + 20) @ 40 Hz ... 1 kHz • 750 V @ 0.1 V $\pm$ (0.8% + 40) @ 40 Hz ... 1 kHz
DC current measurement:	• 200 μA $\pm$ (0.5% + 20) @ 10 nA, • 2 mA $\pm$ (0.5% + 20) @ 100 nA, • 20 mA $\pm$ (0.5% + 20) @ 1 μA, • 200 mA $\pm$ (0.5% + 20) @ 10 μA, • 20 A $\pm$ (1.5% + 40) @ 1 mA
AC current measurement:	• 2 mA @ 0.1 μA $\pm$ (0.8% + 40) @ 45 Hz ... 400 Hz • 20 mA @ 1 μA $\pm$ (0.8% + 40) @ 45 Hz ... 400 Hz • 200 mA @ 10 μA $\pm$ (0.8% + 40) @ 45 Hz ... 400 Hz • 20 A @ 1 mA $\pm$ (2% + 40) @ 45 Hz ... 400 Hz
Resistance measurement:	• 200 Ω $\pm$ (0.5% + 10) + test leads resistance @ 0.01 Ω, • 2 kΩ $\pm$ (0.5% + 10) @ 0.1 Ω, • 20 kΩ $\pm$ (0.5% + 10) @ 1 Ω, • 200 kΩ $\pm$ (0.5% + 10) @ 10 Ω, • 2 MΩ $\pm$ (0.5% + 10) @ 100 Ω, • 200 MΩ @ 1 kΩ

Capacitance measurement:	• 20 nF $\pm$ (2.5% + 10) @ 1 pF, • 200 nF $\pm$ (1.5% + 10) @ 10 pF, • 2 μF $\pm$ (1.5% + 10) @ 100 pF, • 20 μF $\pm$ (1.5% + 10) @ 1 nF, • 200 μF $\pm$ (1.5% + 10) @ 10 nF, • 2 mF $\pm$ (1.5% + 10) @ 100 nF, • 20 mF $\pm$ (10% + 10) @ 1 μF, • 100 mF @ 10 μF
Inductance measurement:	—
Frequency measurement:	• 200 Hz $\pm$ (1% + 5) @ 0.01 Hz, • 2 kHz $\pm$ (1% + 5) @ 0.1 Hz, • 20 kHz $\pm$ (1% + 5) @ 1 Hz, • 200 kHz $\pm$ (1% + 5) @ 10 Hz, • 2 MHz $\pm$ (1% + 5) @ 100 Hz, • 10 MHz $\pm$ (1% + 5) @ 1 kHz, • 5 % ... 99 % $\pm$ (1.5% + 2) @ 10 Hz ... 10 kHz
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:	• Very high accuracy of measurements • EBTN display • REL - relative measurement mode • Writing the value MAX / MIN • Hold - stopping the meter reading • Port USB • Aesthetic and solid construction
Power supply:	110 V AC / 120 V AC / 220 V AC / 240 V AC - selectable by switch
Weight:	3.43 kg
Dimensions:	320 x 265 x 110 mm
Manufacturer / Brand:	UNI-T
Guarantee:	2 years