

Code: UT-8802E

**LABORATORY METER UT-8802E UNI-T**Net: **184.46 EUR** Gross: **184.46 EUR**

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

**SPECIFICATION**

|                          |   |
|--------------------------|---|
| DC voltage measurement:  | <ul style="list-style-type: none"> <li>• 200 mV <math>\pm</math> (0.1% + 5) @ 0.01 mV,</li> <li>• 2 V <math>\pm</math> (0.1% + 3) @ 0.1 mV,</li> <li>• 20 V <math>\pm</math> (0.1% + 3) @ 0.001 V,</li> <li>• 200 V <math>\pm</math> (0.1% + 3) @ 0.01 V,</li> <li>• 1000 V <math>\pm</math> (0.2% + 5) @ 0.1 V</li> </ul>  |
| AC voltage measurement:  | <ul style="list-style-type: none"> <li>• 2 V @ 100 <math>\mu</math>V <math>\pm</math> (0.5% + 20) @ 40 Hz ... 1 kHz</li> <li>• 20 V @ 1 mV <math>\pm</math> (0.5% + 20) @ 40 Hz ... 1 kHz</li> <li>• 200 V @ 10 mV <math>\pm</math> (0.5% + 20) @ 40 Hz ... 1 kHz</li> <li>• 750 V @ 0.1 V <math>\pm</math> (0.8% + 40) @ 40 Hz ... 1 kHz</li> </ul>  |
| DC current measurement:  | <ul style="list-style-type: none"> <li>• 200 <math>\mu</math>A <math>\pm</math> (0.5% + 20) @ 10 nA,</li> <li>• 2 mA <math>\pm</math> (0.5% + 20) @ 100 nA,</li> <li>• 20 mA <math>\pm</math> (0.5% + 20) @ 1 <math>\mu</math>A,</li> <li>• 200 mA <math>\pm</math> (0.5% + 20) @ 10 <math>\mu</math>A,</li> <li>• 20 A <math>\pm</math> (1.5% + 40) @ 1 mA</li> </ul>  |
| AC current measurement:  | <ul style="list-style-type: none"> <li>• 2 mA @ 0.1 <math>\mu</math>A <math>\pm</math> (0.8% + 40) @ 45 Hz ... 400 Hz</li> <li>• 20 mA @ 1 <math>\mu</math>A <math>\pm</math> (0.8% + 40) @ 45 Hz ... 400 Hz</li> <li>• 200 mA @ 10 <math>\mu</math>A <math>\pm</math> (0.8% + 40) @ 45 Hz ... 400 Hz</li> <li>• 20 A @ 1 mA <math>\pm</math> (2% + 40) @ 45 Hz ... 400 Hz</li> </ul>   |
| Resistance measurement:  | <ul style="list-style-type: none"> <li>• 200 <math>\Omega</math> <math>\pm</math> (0.5% + 10) + test leads resistance @ 0.01 <math>\Omega</math>,</li> <li>• 2 k<math>\Omega</math> <math>\pm</math> (0.5% + 10) @ 0.1 <math>\Omega</math>,</li> <li>• 20 k<math>\Omega</math> <math>\pm</math> (0.5% + 10) @ 1 <math>\Omega</math>,</li> <li>• 200 k<math>\Omega</math> <math>\pm</math> (0.5% + 10) @ 10 <math>\Omega</math>,</li> <li>• 2 M<math>\Omega</math> <math>\pm</math> (0.5% + 10) @ 100 <math>\Omega</math>,</li> <li>• 200 M<math>\Omega</math> @ 1 k<math>\Omega</math></li> </ul> |
| Capacitance measurement: | <ul style="list-style-type: none"> <li>• 20 nF <math>\pm</math> (2.5% + 10) @ 1 pF,</li> <li>• 200 nF <math>\pm</math> (1.5% + 10) @ 10 pF,</li> <li>• 2 <math>\mu</math>F <math>\pm</math> (1.5% + 10) @ 100 pF,</li> <li>• 20 <math>\mu</math>F <math>\pm</math> (1.5% + 10) @ 1 nF,</li> <li>• 200 <math>\mu</math>F <math>\pm</math> (1.5% + 10) @ 10 nF,</li> <li>• 2 mF <math>\pm</math> (1.5% + 10) @ 100 nF,</li> <li>• 20 mF <math>\pm</math> (10% + 10) @ 1 <math>\mu</math>F,</li> <li>• 100 mF @ 10 <math>\mu</math>F</li> </ul>  |
| Inductance measurement:  | —   |

|                                       |   |
|---------------------------------------|---|
| Frequency measurement:                | <ul style="list-style-type: none"> <li>• 200 Hz <math>\pm</math> (1% + 5) @ 0.01 Hz,</li> <li>• 2 kHz <math>\pm</math> (1% + 5) @ 0.1 Hz,</li> <li>• 20 kHz <math>\pm</math> (1% + 5) @ 1 Hz,</li> <li>• 200 kHz <math>\pm</math> (1% + 5) @ 10 Hz,</li> <li>• 2 MHz <math>\pm</math> (1% + 5) @ 100 Hz,</li> <li>• 10 MHz <math>\pm</math> (1% + 5) @ 1 kHz,</li> <li>• 5 % ... 99 % <math>\pm</math> (1.5% + 2) @ 10 Hz ... 10 kHz</li> </ul> |
| 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"> <li>• Very high accuracy of measurements</li> <li>• EBTN display</li> <li>• REL - relative measurement mode</li> <li>• Writing the value MAX / MIN</li> <li>• Hold - stopping the meter reading</li> <li>• Port USB</li> <li>• Aesthetic and solid construction</li> </ul>   |
| 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   |

## PRESENTATION

Front panel:



Rear view:



Included, among others measuring adapter:





In the kit:



**PACKAGE**

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