




	<a href="#">LABORATORY METER UT-801 UNI-T</a>	<a href="#">LABORATORY METER UT-803 UNI-T</a>	<a href="#">LABORATORY METER UT-8802E UNI-T</a>
			
	103.47 EUR 103.47 EUR	187.64 EUR 187.64 EUR	184.76 EUR 184.76 EUR
DC voltage measurement	<ul style="list-style-type: none"> <li>• 200 mV ± (0.5% + 2) @ 0.1 mV,</li> <li>• 2 V ± (0.5% + 2) @ 1 mV,</li> <li>• 20 V ± (0.5% + 2) @ 10 mV,</li> <li>• 200 V ± (0.5% + 2) @ 100 mV,</li> <li>• 1000 V ± (0.8% + 3) @ 1 V</li> </ul>	<ul style="list-style-type: none"> <li>• 600 mV ± (0.6% + 2) @ 0.1 mV,</li> <li>• 6 V ± (0.3% + 2) @ 0.001 V,</li> <li>• 60 V ± (0.3% + 2) @ 0.01 V,</li> <li>• 600 V ± (0.3% + 2) @ 0.1 V,</li> <li>• 1000 V ± (0.5% + 3) @ 1 V</li> </ul>	<ul style="list-style-type: none"> <li>• 200 mV ± (0.1% + 5) @ 0.01 mV,</li> <li>• 2 V ± (0.1% + 3) @ 0.1 mV,</li> <li>• 20 V ± (0.1% + 3) @ 0.001 V,</li> <li>• 200 V ± (0.1% + 3) @ 0.01 V,</li> <li>• 1000 V ± (0.2% + 5) @ 0.1 V</li> </ul>
AC voltage measurement	<ul style="list-style-type: none"> <li>• 2 V ± (0.8% + 3) @ 1 mV,</li> <li>• 20 V ± (1.0% + 4) @ 10 mV,</li> <li>• 200 V ± (1.0% + 4) @ 100 mV,</li> <li>• 1000 V ± (1.0% + 4) @ 1 V</li> </ul>	<ul style="list-style-type: none"> <li>• 600 mV @ 0.1 mV : ± (0.6% + 5) @ 40 Hz ... 50 kHz</li> <li>• 6 V @ 0.001 V : ± (0.6% + 5) @ 40 Hz ... 1 kHz</li> <li>• 60 V @ 0.01 V : ± (0.6% + 5) @ 40 Hz ... 1 kHz</li> <li>• 600 V @ 0.1 V : ± (0.6% + 5) @ 40 Hz ... 1 kHz</li> <li>• 1000 V @ 1 V : ± (1.2% + 3) @ 40 Hz ... 1 kHz</li> </ul>	<ul style="list-style-type: none"> <li>• 2 V @ 100 µV ± (0.5% + 20) @ 40 Hz ... 1 kHz</li> <li>• 20 V @ 1 mV ± (0.5% + 20) @ 40 Hz ... 1 kHz</li> <li>• 200 V @ 10 mV ± (0.5% + 20) @ 40 Hz ... 1 kHz</li> <li>• 750 V @ 0.1 V ± (0.8% + 40) @ 40 Hz ... 1 kHz</li> </ul>

DC current measurement	<ul style="list-style-type: none"> <li>• 200 <math>\mu\text{A} \pm (0.8\% + 2)</math> @ 0.1 <math>\mu\text{A}</math>,</li> <li>• 2 mA <math>\pm (0.8\% + 2)</math> @ 0.001 mA,</li> <li>• 20 mA <math>\pm (0.8\% + 2)</math> @ 0.01 mA,</li> <li>• 200 mA <math>\pm (0.8\% + 2)</math> @ 0.1 mA,</li> <li>• 10 A <math>\pm (2.0\% + 4)</math> @ 0.01 A</li> </ul>	<ul style="list-style-type: none"> <li>• 600 <math>\mu\text{A} \pm (0.5\% + 3)</math> @ 0.1 <math>\mu\text{A}</math>,</li> <li>• 6000 <math>\mu\text{A} \pm (0.5\% + 3)</math> @ 1 <math>\mu\text{A}</math>,</li> <li>• 60 mA <math>\pm (0.5\% + 3)</math> @ 0.01 mA,</li> <li>• 600 mA <math>\pm (0.8\% + 3)</math> @ 0.1 mA,</li> <li>• 10 A <math>\pm (1.2\% + 3)</math> @ 0.01 A</li> </ul>	<ul style="list-style-type: none"> <li>• 200 <math>\mu\text{A} \pm (0.5\% + 20)</math> @ 10 nA,</li> <li>• 2 mA <math>\pm (0.5\% + 20)</math> @ 100 nA,</li> <li>• 20 mA <math>\pm (0.5\% + 20)</math> @ 1 <math>\mu\text{A}</math>,</li> <li>• 200 mA <math>\pm (0.5\% + 20)</math> @ 10 <math>\mu\text{A}</math>,</li> <li>• 20 A <math>\pm (1.5\% + 40)</math> @ 1 mA</li> </ul>
AC current measurement	<ul style="list-style-type: none"> <li>• 2 mA <math>\pm (1.0\% + 3)</math> @ 0.001 mA,</li> <li>• 20 mA <math>\pm (1.0\% + 3)</math> @ 0.01 mA,</li> <li>• 200 mA <math>\pm (1.0\% + 3)</math> @ 0.1 mA,</li> <li>• 10 A <math>\pm (2.5\% + 5)</math> @ 0.01 A</li> </ul>	<ul style="list-style-type: none"> <li>• 600 <math>\mu\text{A}</math> @ 0.1 <math>\mu\text{A}</math> : <math>\pm (1.0\% + 5)</math> @ 40 Hz ... 10 kHz</li> <li>• 6000 <math>\mu\text{A}</math> @ 1 <math>\mu\text{A}</math> : <math>\pm (1.0\% + 5)</math> @ 40 Hz ... 10 kHz</li> <li>• 60 mA @ 0.01 mA : <math>\pm (1.0\% + 5)</math> @ 40 Hz ... 10 kHz</li> <li>• 600 mA @ 0.1 mA : <math>\pm (1.0\% + 5)</math> @ 40 Hz ... 10 kHz</li> <li>• 10 A @ 0.01 A : <math>\pm (2.0\% + 6)</math> @ 40 Hz ... 5 kHz</li> </ul>	<ul style="list-style-type: none"> <li>• 2 mA @ 0.1 <math>\mu\text{A} \pm (0.8\% + 40)</math> @ 45 Hz ... 400 Hz</li> <li>• 20 mA @ 1 <math>\mu\text{A} \pm (0.8\% + 40)</math> @ 45 Hz ... 400 Hz</li> <li>• 200 mA @ 10 <math>\mu\text{A} \pm (0.8\% + 40)</math> @ 45 Hz ... 400 Hz</li> <li>• 20 A @ 1 mA <math>\pm (2\% + 40)</math> @ 45 Hz ... 400 Hz</li> </ul>
Resistance measurement	<ul style="list-style-type: none"> <li>• 200 <math>\Omega \pm (0.8\% + 3)</math> @ 0.1 <math>\Omega</math>,</li> <li>• 2 k<math>\Omega \pm (0.8\% + 3)</math> @ 1 <math>\Omega</math>,</li> <li>• 20 k<math>\Omega \pm (0.8\% + 3)</math> @ 10 <math>\Omega</math>,</li> <li>• 200 k<math>\Omega \pm (0.8\% + 3)</math> @ 100 <math>\Omega</math>,</li> <li>• 2 M<math>\Omega \pm (0.8\% + 3)</math> @ 1 k<math>\Omega</math>,</li> <li>• 20 M<math>\Omega \pm (1.2\% + 5)</math> @ 10 k<math>\Omega</math></li> </ul>	<ul style="list-style-type: none"> <li>• 600 <math>\Omega \pm (0.8\% + 3)</math> + test leads resistance @ 0.1 <math>\Omega</math>,</li> <li>• 6 k<math>\Omega \pm (0.5\% + 2)</math> @ 0.001 k<math>\Omega</math>,</li> <li>• 60 k<math>\Omega \pm (0.5\% + 2)</math> @ 0.01 k<math>\Omega</math>,</li> <li>• 600 k<math>\Omega \pm (0.5\% + 2)</math> @ 0.1 k<math>\Omega</math>,</li> <li>• 6 M<math>\Omega \pm (0.8\% + 2)</math> @ 0.001 M<math>\Omega</math>,</li> <li>• 60 M<math>\Omega \pm (1.2\% + 3)</math> @ 0.01 M<math>\Omega</math></li> </ul>	<ul style="list-style-type: none"> <li>• 200 <math>\Omega \pm (0.5\% + 10)</math> + test leads resistance @ 0.01 <math>\Omega</math>,</li> <li>• 2 k<math>\Omega \pm (0.5\% + 10)</math> @ 0.1 <math>\Omega</math>,</li> <li>• 20 k<math>\Omega \pm (0.5\% + 10)</math> @ 1 <math>\Omega</math>,</li> <li>• 200 k<math>\Omega \pm (0.5\% + 10)</math> @ 10 <math>\Omega</math>,</li> <li>• 2 M<math>\Omega \pm (0.5\% + 10)</math> @ 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 ± (4% + 3) @ 0.01 nF,</li> <li>• 2 μF ± (4% + 3) @ 0.001 μF,</li> <li>• 200 μF ± (5% + 5) @ 0.1 μF</li> </ul>	<ul style="list-style-type: none"> <li>• 6 nF ± (2.5% + 5) @ 0.001 nF,</li> <li>• 60 nF ± (2.5% + 5) @ 0.01 nF,</li> <li>• 600 nF ± (2.0% + 5) @ 0.1 nF,</li> <li>• 6 μF ± (2.0% + 5) @ 0.001 μF,</li> <li>• 60 μF ± (2.0% + 5) @ 0.01 μF,</li> <li>• 600 μF ± (3.0% + 4) @ 0.1 μF,</li> <li>• 6 mF ± (5.0% + 4) @ 0.001 mF</li> </ul>	<ul style="list-style-type: none"> <li>• 20 nF ± (2.5% + 10) @ 1 pF,</li> <li>• 200 nF ± (1.5% + 10) @ 10 pF,</li> <li>• 2 μF ± (1.5% + 10) @ 100 pF,</li> <li>• 20 μF ± (1.5% + 10) @ 1 nF,</li> <li>• 200 μF ± (1.5% + 10) @ 10 nF,</li> <li>• 2 mF ± (1.5% + 10) @ 100 nF,</li> <li>• 20 mF ± (10% + 10) @ 1 μF,</li> <li>• 100 mF @ 10 μF</li> </ul>
Inductance measurement	—	—	—
Frequency measurement	<ul style="list-style-type: none"> <li>• 2 kHz ± (1.5% + 5) @ 1 Hz,</li> <li>• 200 MHz ± (1.5% + 5) @ 100 Hz</li> </ul>	<ul style="list-style-type: none"> <li>• 6 kHz ± (0.1% + 3) @ 0.001 kHz,</li> <li>• 60 kHz ± (0.1% + 3) @ 0.01 kHz,</li> <li>• 600 kHz ± (0.1% + 3) @ 0.1 kHz,</li> <li>• 6 MHz ± (0.1% + 3) @ 0.001 MHz,</li> <li>• 60 MHz ± (0.1% + 3) @ 0.01 MHz,</li> </ul>	<ul style="list-style-type: none"> <li>• 200 Hz ± (1% + 5) @ 0.01 Hz,</li> <li>• 2 kHz ± (1% + 5) @ 0.1 Hz,</li> <li>• 20 kHz ± (1% + 5) @ 1 Hz,</li> <li>• 200 kHz ± (1% + 5) @ 10 Hz,</li> <li>• 2 MHz ± (1% + 5) @ 100 Hz,</li> <li>• 10 MHz ± (1% + 5) @ 1 kHz,</li> <li>• 5 % ... 99 % ± (1.5% + 2) @ 10 Hz ... 10 kHz</li> </ul>
Temperature measurement	<ul style="list-style-type: none"> <li>• -40 °C ... -20 °C ± (8% + 5) @ 1 °C,</li> <li>• -20 °C ... 0 °C ± (1.2% + 4) @ 1 °C,</li> <li>• 0 ... 100 °C ± (1.2% + 3) @ 1 °C,</li> <li>• 100 ... 1000 °C ± (2.5% + 2) @ 1 °C</li> </ul>	<ul style="list-style-type: none"> <li>• °C :</li> <li>-40 °C ... 0 °C ± (8.0% + 5) @ 1 °C ,</li> <li>0 °C ... 400 °C ± (1.0% + 3) @ 1 °C ,</li> <li>400 °C ... 1000 °C ± (1.5% + 3) @ 1 °C ,</li> <li>• °F :</li> <li>-40 °F ... 32 °F ± (8.0% + 5) @ 1 °F ,</li> <li>32 °F ... 752 °F ± (1.5% + 5) @ 1 °F ,</li> <li>752 °F ... 1832 °F ± (2.5% + 5) @ 1 °C</li> </ul>	—
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>• Large, readable LCD display with backlight</li> <li>• Hold - stopping the meter reading</li> <li>• Aesthetic and solid construction</li> </ul>	<ul style="list-style-type: none"> <li>• Large, readable LCD display with backlight</li> <li>• Possibility to measure alternating voltage taking into account the constant component (measurement function AC+DC)</li> <li>• Hold - stopping the meter reading</li> <li>• Aesthetic and solid construction</li> </ul>	<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	<ul style="list-style-type: none"> <li>• 6 x 1.5V, type R14/LR14 battery (not included),</li> <li>• 9 V DC / 200 mA (power adapter included)</li> </ul>	<ul style="list-style-type: none"> <li>• 6 x 1.5V, type R14/LR14 battery (not included),</li> <li>• 220 V AC</li> </ul>	110 V AC / 120 V AC / 220 V AC / 240 V AC - selectable by switch
Weight	1.61 kg	1.88 kg	3.43 kg
Dimensions	306 x 243 x 107 mm	306 x 243 x 107 mm	320 x 265 x 110 mm
Manufacturer / Brand	UNI-T	UNI-T	UNI-T
Guarantee	2 years	2 years	2 years