	LABORATORY METER UT-801 UNI-T	LABORATORY METER UT-803 UNI-T	LABORATORY METER UT-8802E UNI-T
			
	103.47 EUR 103.47 EUR	187.64 EUR 187.64 EUR	184.76 EUR 184.76 EUR
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	• 600 mV ± (0.6% + 2) @ 0.1 mV, • 6 V ± (0.3% + 2) @ 0.001 V, • 60 V ± (0.3% + 2) @ 0.01 V, • 600 V ± (0.3% + 2) @ 0.1 V, • 1000 V ± (0.5% + 3) @ 1 V	• 200 mV ± (0.1% + 5) @ 0.01 mV, • 2 V ± (0.1% + 3) @ 0.1 mV, • 20 V ± (0.1% + 3) @ 0.001 V, • 200 V ± (0.1% + 3) @ 0.01 V, • 1000 V ± (0.2% + 5) @ 0.1 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	• 600 mV @ 0.1 mV : ± (0.6% + 5) @ 40 Hz ... 50 kHz ± (1.0% + 5) @ 50 kHz ... 100 kHz • 6 V @ 0.001 V : ± (0.6% + 5) @ 40 Hz ... 1 kHz ± (1.0% + 5) @ 1 kHz ... 10 kHz ± (3.0% + 5) @ 10 kHz ... 100 kHz • 60 V @ 0.01 V : ± (0.6% + 5) @ 40 Hz ... 1 kHz ± (1.5% + 5) @ 1 kHz ... 10 kHz ± (3.0% + 5) @ 10 kHz ... 20 kHz ± (8.0% + 5) @ 20 kHz ... 100 kHz • 600 V @ 0.1 V : ± (0.6% + 5) @ 40 Hz ... 1 kHz ± (3.5% + 5) @ 1 kHz ... 10 kHz • 1000 V @ 1 V : ± (1.2% + 3) @ 40 Hz ... 1 kHz ± (3.0% + 3) @ 1 kHz ... 3 kHz	• 2 V @ 100 µV ± (0.5% + 20) @ 40 Hz ... 1 kHz • 20 V @ 1 mV ± (0.5% + 20) @ 40 Hz ... 1 kHz • 200 V @ 10 mV ± (0.5% + 20) @ 40 Hz ... 1 kHz • 750 V @ 0.1 V ± (0.8% + 40) @ 40 Hz ... 1 kHz

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	• 600 µA ± (0.5% + 3) @ 0.1 µA, • 6000 µA ± (0.5% + 3) @ 1 µA, • 60 mA ± (0.5% + 3) @ 0.01 mA, • 600 mA ± (0.8% + 3) @ 0.1 mA, • 10 A ± (1.2% + 3) @ 0.01 A	• 200 µA ± (0.5% + 20) @ 10 nA, • 2 mA ± (0.5% + 20) @ 100 nA, • 20 mA ± (0.5% + 20) @ 1 µA, • 200 mA ± (0.5% + 20) @ 10 µA, • 20 A ± (1.5% + 40) @ 1 mA
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	• 600 µA @ 0.1 µA : ± (1.0% + 5) @ 40 Hz ... 10 kHz ± (2.0% + 5) @ 10 kHz ... 15 kHz • 6000 µA @ 1 µA : ± (1.0% + 5) @ 40 Hz ... 10 kHz ± (2.0% + 5) @ 10 kHz ... 15 kHz • 60 mA @ 0.01 mA : ± (1.0% + 5) @ 40 Hz ... 10 kHz ± (2.0% + 5) @ 10 kHz ... 15 kHz • 600 mA @ 0.1 mA : ± (1.0% + 5) @ 40 Hz ... 10 kHz ± (3.0% + 5) @ 1 kHz ... 10 kHz • 10 A @ 0.01 A : ± (2.0% + 6) @ 40 Hz ... 5 kHz	• 2 mA @ 0.1 µA ± (0.8% + 40) @ 45 Hz ... 400 Hz • 20 mA @ 1 µA ± (0.8% + 40) @ 45 Hz ... 400 Hz • 200 mA @ 10 µA ± (0.8% + 40) @ 45 Hz ... 400 Hz • 20 A @ 1 mA ± (2% + 40) @ 45 Hz ... 400 Hz
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	• 600 Ω ± (0.8% + 3) + test leads resistance @ 0.1 Ω, • 6 kΩ ± (0.5% + 2) @ 0.001 kΩ, • 60 kΩ ± (0.5% + 2) @ 0.01 kΩ, • 600 kΩ ± (0.5% + 2) @ 0.1 kΩ, • 6 MΩ ± (0.8% + 2) @ 0.001 MΩ, • 60 MΩ ± (1.2% + 3) @ 0.01 MΩ	• 200 Ω ± (0.5% + 10) + test leads resistance @ 0.01 Ω, • 2 kΩ ± (0.5% + 10) @ 0.1 Ω, • 20 kΩ ± (0.5% + 10) @ 1 Ω, • 200 kΩ ± (0.5% + 10) @ 10 Ω, • 2 MΩ ± (0.5% + 10) @ 100 Ω, • 200 MΩ @ 1 kΩ

Capacitance measurement	• 20 nF ± (4% + 3) @ 0.01 nF, • 2 µF ± (4% + 3) @ 0.001 µF, • 200 µF ± (5% + 5) @ 0.1 µF	• 6 nF ± (2.5% + 5) @ 0.001 nF, • 60 nF ± (2.5% + 5) @ 0.01 nF, • 600 nF ± (2.0% + 5) @ 0.1 nF, • 6 µF ± (2.0% + 5) @ 0.001 µF, • 60 µF ± (2.0% + 5) @ 0.01 µF, • 600 µF ± (3.0% + 4) @ 0.1 µF, • 6 mF ± (5.0% + 4) @ 0.001 mF	• 20 nF ± (2.5% + 10) @ 1 pF, • 200 nF ± (1.5% + 10) @ 10 pF, • 2 µF ± (1.5% + 10) @ 100 pF, • 20 µF ± (1.5% + 10) @ 1 nF, • 200 µF ± (1.5% + 10) @ 10 nF, • 2 mF ± (1.5% + 10) @ 100 nF, • 20 mF ± (10% + 10) @ 1 µF, • 100 mF @ 10 µF
Inductance measurement	–	–	–
Frequency measurement	• 2 kHz ± (1.5% + 5) @ 1 Hz, • 200 MHz ± (1.5% + 5) @ 100 Hz	• 6 kHz ± (0.1% + 3) @ 0.001 kHz, • 60 kHz ± (0.1% + 3) @ 0.01 kHz, • 600 kHz ± (0.1% + 3) @ 0.1 kHz, • 6 MHz ± (0.1% + 3) @ 0.001 MHz, • 60 MHz ± (0.1% + 3) @ 0.01 MHz ,	• 200 Hz ± (1% + 5) @ 0.01 Hz, • 2 kHz ± (1% + 5) @ 0.1 Hz, • 20 kHz ± (1% + 5) @ 1 Hz, • 200 kHz ± (1% + 5) @ 10 Hz, • 2 MHz ± (1% + 5) @ 100 Hz, • 10 MHz ± (1% + 5) @ 1 kHz, • 5 % ... 99 % ± (1.5% + 2) @ 10 Hz ... 10 kHz
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	• °C : -40 °C ... 0 °C ± (8.0% + 5) @ 1 °C , 0 °C ... 400 °C ± (1.0% + 3) @ 1 °C , 400 °C ... 1000 °C ± (1.5% + 3) @ 1 °C , • °F : -40 °F ... 32 °F ± (8.0% + 5) @ 1 °F , 32 °F ... 752 °F ± (1.5% + 5) @ 1 °F , 752 °F ... 1832 °F ± (2.5% + 5) @ 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	• Large, readable LCD display with backlight • Possibility to measure alternating voltage taking into account the constant component (measurement function AC+DC) • Hold - stopping the meter reading • Aesthetic and solid construction	• 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	• 6 x 1.5V, type R14/LR14 battery (not included), • 9 V DC / 200 mA (power adapter included)	• 6 x 1.5V, type R14/LR14 battery (not included), • 220 V AC	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