



	INSULATION RESISTANCE METER UT-505A UNI-T	INSULATION RESISTANCE METER UT-502A UNI-T
		
	897.14 PLN 897.14 PLN	568.43 PLN 568.43 PLN
Measuring accuracy	...	<ul style="list-style-type: none"> • 0 MΩ ... 99.9 MΩ ± (3% + 5) • 100 MΩ ... 10 GΩ ± (5% + 5) • 10 GΩ ... 20 GΩ ± (10% + 5)
Resistance measurement	<ul style="list-style-type: none"> • Test voltage 50 V : 0.01 MΩ ... 50 MΩ ± (3% + 5) • Test voltage 100 V : 0.01 MΩ ... 100 MΩ ± (3% + 5) • Test voltage 250 V : 0.01 MΩ ... 200 MΩ ± (1.5% + 5) • Test voltage 500 V : 0.01 MΩ ... 2 GΩ ± (1.5% + 5) • Test voltage 1000 V : 0.01 MΩ ... 20 GΩ ± (1.5% + 5) 	<ul style="list-style-type: none"> • Test voltage 500 V : 0 ... 5 GΩ • Test voltage 1000 V : 0 ... 5 GΩ • Test voltage 2500 V : 0 ... 20 GΩ
Open circuit voltage	Test voltage + 20 %	Test voltage + 10 %
Test current	1 mA	1 mA ... 1.1 mA
Short-circuit current	< 2 mA	< 1.8 mA
AC voltage measurement	600 V ± (2% + 3) @ 0.1 V	30 V ... 750 V ± (2% + 3) @ 1 V
DC voltage measurement	600 V ± (2% + 3) @ 0.1 V	—
Measurement of small resistances	20 kΩ ± (1.5% + 3) @ 0.01 Ω	0 Ω ... 200 Ω ± (2% + 3) @ 0.01 Ω
Automatic change of measuring ranges	✓	✓
RS-232	—	—
USB	—	—

Main features	<ul style="list-style-type: none"> • Analog bargraph, • Possibility to perform a comparative measurement, • Warning of using high voltage during the measurement, • Polarization index measurement (PI), • Measurement of dielectric absorption : 60s / 15s, 60s / 30s, • Save to 99 measurement results in the device memory, • True RMS - accurate measurement of the RMS current and voltage for any waveform, • Freezing the last reading, • Automatic shutdown after 3 minutes of inactivity, • Large, readable LCD display with backlight, • Low battery level alarm, • Aesthetic and solid construction 	<ul style="list-style-type: none"> • Warning of using high voltage during the measurement, • Polarization index measurement (PI), • Measurement of dielectric absorption : 60s / 15s, 60s / 30s, • Automatic power-off, • Reset function for measuring low resistances, • Large, readable LCD display with backlight, • Low battery level alarm, • Aesthetic and solid construction
Operation temp	0 °C ... 40 °C	0 °C ... 40 °C
Permissible relative humidity	≤ 85 % (non-condensing)	≤ 85 % (non-condensing)
Power supply	6 x 1.5V, type AA/LR6/FR6 battery - included	6 x 1.5V, type AA/LR6/FR6 battery - included
Weight	0.66 kg	0.42 kg
Dimensions	225 x 103 x 62 mm	150 x 100 x 71 mm
Manufacturer / Brand	UNI-T	UNI-T
Guarantee	2 years	2 years