

Code: UT-502A

# INSULATION RESISTANCE METER **UT-502A** UNI-T

Net: **135.57 EUR** Gross: **135.57 EUR**



The meter UT-502A is a specialized device designed to measure insulation resistance in the range from 0M $\Omega$  to 20G $\Omega$ .

**Attention!** High voltage is required to correctly measure the insulation resistance value. During the measurement one should be particularly careful and strictly follow the recommendations included in the device manual.

## SPECIFICATION

Resistance measurement:	<ul style="list-style-type: none"><li>• Test voltage 500 V : 0 ... 5 G&amp;#937</li><li>• Test voltage 1000 V : 0 ... 5 G&amp;#937</li><li>• Test voltage 2500 V : 0 ... 20 G<math>\Omega</math></li></ul>
Measuring accuracy:	<ul style="list-style-type: none"><li>• 0 M<math>\Omega</math> ... 99.9 M<math>\Omega</math> <math>\pm</math> (3% + 5)</li><li>• 100 M<math>\Omega</math> ... 10 G&amp;#937 <math>\pm</math> (5% + 5)</li><li>• 10 G&amp;#937 ... 20 G&amp;#937 <math>\pm</math> (10% + 5)</li></ul>
Open circuit voltage:	Test voltage + 10 %
Test current:	1 mA ... 1.1 mA
Short-circuit current:	< 1.8 mA
AC voltage measurement:	30 V ... 750 V $\pm$ (2% + 3) @ 1 V
DC voltage measurement:	—
Measurement of small resistances:	0 $\Omega$ ... 200 $\Omega$ $\pm$ (2% + 3) @ 0.01 $\Omega$
Automatic change of measuring ranges:	✓
RS-232:	—
USB:	—
Main features:	<ul style="list-style-type: none"><li>• Warning of using high voltage during the measurement,</li><li>• Polarization index measurement (PI),</li><li>• Measurement of dielectric absorption : 60s / 15s, 60s / 30s,</li><li>• Automatic power-off,</li><li>• Reset function for measuring low resistances,</li><li>• Large, readable LCD display with backlight,</li><li>• Low battery level alarm,</li><li>• Aesthetic and solid construction</li></ul>

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Operation temp:	0 °C ... 40 °C
Permissible relative humidity:	≤ 85 % (non-condensing)
Power supply:	6 x 1.5V, type AA/LR6/FR6 battery - included
Weight:	0.42 kg
Dimensions:	150 x 100 x 71 mm
Manufacturer / Brand:	UNI-T
Guarantee:	2 years

## PRESENTATION

Front panel:



Front panel cover:



Rear view:



Place for batteries 6 x 1.5V AA:



In the kit:



Device is secured by handy case:



## PACKAGE

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