

Code: UT-522

## GROUNDING RESISTANCE METER **UT-522** UNI-T

The UT-522 meter allows to measure: grounding resistance of power installations, grounding resistance of devices, resistance of lightning protection systems, etc. The design of the device allows for a complete, accurate measurement of the grounding resistance using 3 leads and a simple, approximate measurement using 2 leads.



Resistance measurement:	$40 \Omega \pm (2\% + 20) @ 0.01 \Omega$ , $400 \Omega \pm (2\% + 3) @ 0.1 \Omega$ , $4000 \Omega \pm (2\% + 3) @ 1 \Omega$ <ul style="list-style-type: none"> <li>• Auxiliary resistance : <math>500 \Omega \pm 5 \%</math></li> <li>• Measuring voltage : <math>\leq 10 \text{ V AC} @ \sim 820 \text{ Hz}</math></li> </ul>
Ground voltage measurement:	$400 \text{ V} \pm (1.0\% + 6) @ 1 \text{ V}$
Automatic change of measuring ranges:	—
RS-232:	—
USB:	—
Main features:	<ul style="list-style-type: none"> <li>• Hold - stopping the meter reading,</li> <li>• The measurement can be performed in full or simplified configuration,</li> <li>• Warning of poor connection of leads during measurement,</li> <li>• Large, readable LCD display with backlight,</li> <li>• Low battery level alarm,</li> <li>• Aesthetic and solid construction,</li> <li>• The set includes a practical case</li> </ul>
Operation temp:	$5 \text{ }^\circ\text{C} \dots 40 \text{ }^\circ\text{C}$
Permissible relative humidity:	$\leq 80 \%$ (non-condensing)
Power supply:	6 x 1.5V, type AA/LR6/FR6 battery - included
Weight:	0.42 kg



# DATA SHEET

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Dimensions:	160 x 100 x 70 mm
Manufacturer / Brand:	UNI-T
Guarantee:	2 years

