

TL-6r

TL-6r, 4-way earth resistance meter,

Code: P6062300A0000 **CONSULTAR DISPONIBILIDAD**

Description

The **TL-6** tellurometer is a microprocessor-controlled digital instrument, developed to perform earth resistance and resistivity measurements (using the Wenner method).

The **TL-6** is a fully automatic and very easy to use unit. Before starting a measurement, the unit controls whether the conditions of the installation are within the proper limits, notifying the user of any anomaly (too high interference voltages, very low test current, etc.). To optimise the earthed test, the **TL-6** lets you choose two frequencies to generate the test current (270 Hz or 1470 Hz). The instrument has 4 ranges to measure resistance, covering measurements from 0.01 Ω to 20 kΩ.

Accessories:

- 4 auxiliary copper-plated electrodes (50 cm)
- Power supply source
- 95 ... 240 V. Battery charger.
- USB communication cable
- Coil with 40 m cable (red)
- Coil with 20 m cable (blue)
- Coil with 20 m cable (green)
- 5 m short cable (black)
- 5 m short cable (green) for connection to unknown electrode
- 5 kg accessory bag

Application

This instrument is ideal for measuring earthing systems in substations, industries, power distribution lines, etc. in accordance with IEC 61557-5. It is also useful for measuring the specific resistivity of soil, in order to optimise earthing system projects.

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Specifications

Auxiliary battery power supply

Battery type	LFP 12 V 3 Ah

Mechanical characteristics

Size (mm) width x height x depth	274 x 250 x 124 (mm)
Weight (kg)	10

Environmental characteristics

Protection class	IP 54 with closed cabinet
Relative humidity (without condensation)	95 %
Storage temperature	-25 ... +65 °C
Working temperature	-10 ... +50 °C

Standards

Electrical safety, Maximum height (m)	3000

User interface

Display type	digital alphanumeric

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