

# TL-6e

TL-6e, Earth resistance meter,

Code: P6062200A0000 **DESCATALOGADO**

## 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

### Mechanical characteristics

| | |
|---|---|
| Size (mm) width x height x depth | 274 x 250 x 124 (mm) |
| Weight (kg) | 3 |

### Environmental characteristics

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

### Standards

| | |
|---|---|
| Electrical safety, Maximum height (m) | 3000 |

**TL6**
Earth resistance meter

| CODE | TYPE | Description |
|---|---|---|
| P6062200A0000 | TL-6e | 4-way earth resistance meter |
| P6062300A0000 | TL-6r | 4-way earth resistance meter |



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