

GROUND TESTER CALIBRATOR GROUND SIMULATOR

How to Use:



INTRODUÇÃO

This device is used to simulate an earthing system with a known resistance, thereby certifying whether the calibration of terrômetro devices is accurate or not, ensuring reliable measurements and even resolving conflicts in measurements from multiple devices in the same location. We know that the neutral has a resistance close to zero. Therefore, by placing one of the test probe tips of the 10-ohm calibrator device on the neutral, we have, on the other end, a simulated earthing of 10 ohms. Therefore, any terrômetro device must necessarily measure values close to 10 ohms. It is worth noting that we should consider small variations in values due to the natural resistive variation of each neutral. Most neutrals have a variation of about 0.4 ohms or even more.

OPERATING INSTRUCTIONS

Place one of the test probe tips of the Calibrator on the neutral. On the other probe tip, you already have a simulated and known earthing, which would be the 10 ohms of the calibrator, plus the variation of the neutral.

TECHNICAL DESCRIPTION

Product: Terrômetro Calibrator / Earthing Simulator

Resistance value: 10 ohms

Precision: 1%

Included: 1 alligator clip