

# Ground Resistance Meter

**MODEL: Prova-5600**

## Features

- Non-Contact Ground Resistance Measurement
- No Auxiliary Electrode Needed
- 0.025 - 1500 $\Omega$
- Ground Wire O 23mm/0.9"
- Leakage Current (0.200mA - 10.00mA)
- Hi-Lo Alarm (Go - No Go)

#135-Prova-5600



## General Specifications:

**Jaw Opening:** 23mm (0.9")

**Power Source:** 9V Battery

**Power Consumption:** 40mA

**Operating Temperature:** 0°C to 40°C

**Operating Humidity:** Less than 80% RH

**Dimensions:** 258mm(L) x 100mm(W) x 47mm(H)

10.2"(L) x 4"(W) x 1.9"(H)

**Weight:** 640g (1.4lbs)

## Electrical Specifications: (23°C $\pm$ 5°C)

### Ground Resistance (Autorange):

Range

- 0.025 ~ 0.250 $\Omega$
- 0.250 ~ 9.999 $\Omega$
- 10.00 ~ 99.99 $\Omega$
- 100.0 ~ 199.9 $\Omega$
- 200.0 ~ 400.0 $\Omega$
- 400.0 ~ 600.0 $\Omega$
- 600.0 ~ 1500.0 $\Omega$

Resolution

- 0.002 $\Omega$
- 0.02 $\Omega$
- 0.04 $\Omega$
- 0.4 $\Omega$
- 2 $\Omega$
- 5 $\Omega$
- 20 $\Omega$

Accuracy of reading<sup>1</sup>

- $\pm 1.5\% \pm 0.05\Omega$
- $\pm 1.5\% \pm 0.1\Omega$
- $\pm 2.0\% \pm 0.3\Omega$
- $\pm 3.0\% \pm 1.0\Omega$
- $\pm 5.0\% \pm 5\Omega$
- $\pm 10\% \pm 10\Omega$
- $\pm 20\%$  (Approx.)

<sup>1</sup> Loop resistance nonconductive, external field < 50A/m, external electrical field < 1V/m, conductor centered.

<sup>2</sup> Resistance Measurement Frequency: 1.667KHz

### Continuity

Beep if resistance < 40.00 $\Omega$   
(Approximately)

### Ground / Leakage Current (Autorange, 50/60Hz, True RMS, Crest Factor < 3.0)

Range

- 0.200 ~ 1.000mA
- 1.00 ~ 10.00mA
- 10.0 ~ 100.0mA
- 100 ~ 1000mA

Resolution

- 0.001mA
- 0.01mA
- 0.1mA
- 1mA

Accuracy of reading<sup>1</sup>

- $\pm 2.5\% \pm 0.05mA$
- $\pm 2.5\% \pm 0.05mA$
- $\pm 2.0\% \pm 0.3mA$
- $\pm 2.0\% \pm 3mA$

### Ground / Leakage Current (50/60Hz, True RMS, Crest Factor < 3.0)

Range

- 0.20 ~ 10.00A

Resolution

- 0.01A

Accuracy of reading<sup>1</sup>

- $\pm 2.0\% \pm 0.03A$