

Resistivity Meter Model 291

Features:

- 12 LED Color-Coded Display — Accurately and quickly shows measured decade value
- Measures Both Resistivity and Resistance to Ground
- Ranges E3 Thru E12
- Easy to Use
- Battery Powered
- Pocket-sized Convenience
- CE Conformance
- Inexpensive, Reliable
- Exclusive **ME** Two-year Warranty



High performance—best value

The Model 291 Resistivity Meter fills the void between lower performance, albeit slightly lower cost and high-end, more expensive test instruments. This pocket-sized meter has parallel metal contact rails and jacks for connections to external electrodes or ground. Using a single 9-volt alkaline battery, the unit automatically generates a test voltage of either 10v or 100v. You simply place the instrument on a flat surface (2 inches by 2⁵/₈ inches or larger) of material to be tested, press the button and read the results from the multi-colored LED display. It comes with a carrying case, ground lead and calibration certificate.

- **Measures surface resistivity of flat material samples** – contact rails built into base of instrument
- **Measures resistance** – using external connections to banana jacks

Simple to use



Photo at left shows contact rails on base of instrument. To measure surface resistivity of a flat sample of material simply place the instrument on the material so that these rails are in contact with the

material and press the **TEST** button.

To make surface to ground or point to point measurements, make connections to one or both of the banana jacks on the end of the instrument. When a banana plug is inserted, the corresponding contact rail is disconnected.

Specifications:

- Range:** 10³ to 10¹² with LED's for under-range and over-range
- Accuracy:** ±½ decade
- Applied voltage:** 10 volts at 10³ to 10⁵
100 volts at 10⁶ to 10¹²
- Display type:** Multi-colored LED's (Green-conductive, Yellow-dissipative and Red-insulative)
- Electrodes:** Parallel bar type (jacks for external connections)
- Battery type:** 9 volt, Eveready #522 or equivalent NEDA #1604A
- Dimensions:** 2.6 x 5 x 1.2 inches (6.5 x 13 x 3 cm)
- Weight:** 8.4 oz (235 gm) including battery

ME MONROE ELECTRONICS

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