

Features:

- **12 LED Color-Coded Display** - Accurately and quickly shows measured decade values
- **Measures Both Resistivity and Resistance to Ground**
- **Ranges E3 Thru E12**
- **Easy to Use**
- **Battery Powered**
- **Pocket -sized Convenience**

- **Inexpensive, Reliable**
- **Exclusive Monroe Electronics Two-year Warranty**



Simple to use

Photo 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.



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

Resistivity Meter model 291

Specifications:

Range:	10 ³ to 10 ¹² with LED's for under-range and over-range
Accuracy:	±1/2 decade
Temperature:	0° to 40°C
Humidity:	10% to 75% RH
Applied Voltage:	10 volts at 10 ³ to 10 ⁵ 100 volts at 10 ⁶ to 10 ¹²
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

Calibration:

Monroe Electronics instruments are factory-calibrated prior to shipment. Recalibration should be performed annually, or more frequently if specified by contract or company policy. Your instrument should also be recalibrated any time it has been repaired or tampered with. We will be happy to perform the calibration for you or refer you to one of our Authorized Service Organizations.

Warranty:

Monroe Electronics, Inc., warrants that each instrument and sub-assembly manufactured by them shall be free from defects in material and workmanship for a period of two years after shipment from the factory. This warranty is applicable to the original purchaser only.

The Monroe Electrostatic & ESD product line is now owned by Advanced Energy and managed by TREK in Lockport, NY.