

## 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**
- **CE Conformance**
- **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

### Specifications:

<b>Range:</b>	10 <sup>3</sup> to 10 <sup>12</sup> with LED's for under-range and over-range
<b>Accuracy:</b>	±1/2 decade
<b>Applied Voltage:</b>	10 volts at 10 <sup>3</sup> to 10 <sup>5</sup> 100 volts at 10 <sup>6</sup> to 10 <sup>12</sup>
<b>Display Type:</b>	Multi-colored LED's (green-conductive, yellow-dissipative and red-insulative)
<b>Electrodes:</b>	Parallel bar type (jacks for external connections)
<b>Battery Type:</b>	9 volt, Eveready #522 or equivalent NEDA #1604A
<b>Dimensions:</b>	2.6 x 5 x 1.2 inches (6.5 x 13 x 3 cm)
<b>Weight:</b>	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 are happy to recalibrate your instrument for you at a reasonable cost, or provide information and procedures on calibration upon request.

### 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 finest ESD instrumentation and support:

For more than 40 years - ever since we invented the feedback--nulled electrostatic voltmeter, Monroe has been the technology and quality leader in electrostatic detection and measurement instrumentation. Today we offer the world's most complete array of fieldmeters, voltmeters, and resistivity meters. Our customers include the leading makers of photocopiers and laser printers, converters and microelectronics worldwide.

We know you need quality support as well as quality products. We pride ourselves on providing our customers with the most knowledgeable applications and installation support — as well as superior customer service.

### How can we help?

Contact your Monroe Electronics representative for price and delivery information on this and other ME products, to schedule a no-obligation demonstration at your convenience. For the name of your nearest dealer, or for technical or applications assistance, contact Monroe Electronics directly at the address and numbers below.