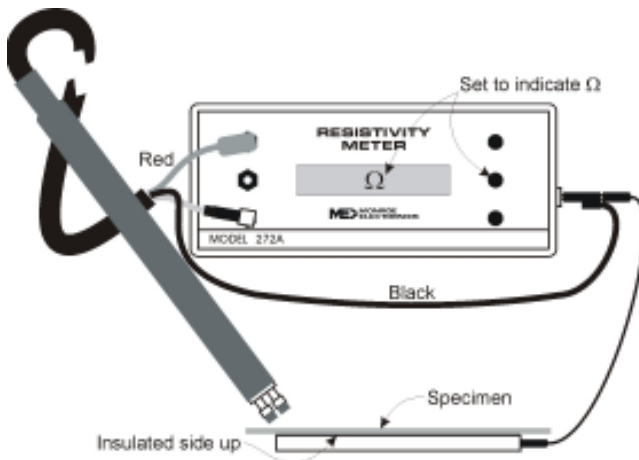


## Features:

- Measures resistance characteristics of irregular shaped objects such as DIP tubes and thermoformed plastic carriers.
- Constructed with two 0.125" (3.18mm) diameter spring contact, conductive rubber faced electrodes mounted 0.125" (3.18mm) between inside edges of electrodes to meet ANSI/ESD STM11.13
- Probe is lightweight and portable. Conductive elastomer provides outstanding surface contact.

Connections are made to Monroe Model 272A as shown via (2) mini-banana plugs and a SMB Series coax connector.



Use of specimen plate is optional.

**Warning:** During use, excitation voltage appears between the two spring contacts.  
**DO NOT TOUCH THE CONTACTS!**



## Test Method:

Attach probe to Model 272A, Set 272A into "OHMS" mode. Apply pressure to probe such that springs are compressed but not bottomed out. Note reading.

**(Caution!!)** Do not apply side pressure to electrodes. If pins bend the probe will become nonfunctional.)

Use of specimen plate is optional.

## Maintenance:

Contamination on conductive elastomer may cause inaccuracies when making low resistance measurements. Contaminated insulators may cause significant errors at high values (above 10E9). Electrodes and insulators should be cleaned as required with isopropyl alcohol.

For optimal protection, keep end cap on probe when not in use and store in bubblebag supplied.

## **Miniature Point-to-Point Resistance Probe model 96163**

### **Specifications:**

#### **Physical Dimensions**

**Probe:** 7" length x 0.53" diameter  
(170 mm x 13.5 mm)

**Cable Length:** 3 feet

#### **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 one year after shipment from the factory. This warranty is applicable to the original purchaser only.

#### **The finest Electrostatic 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.

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