

Features:

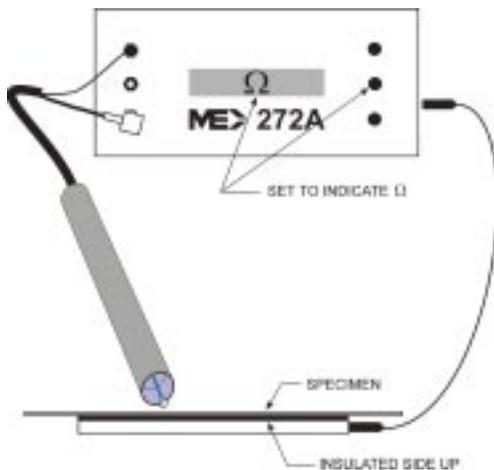
- Meets ASTM D-257
- Designed to work with Model 272A Resistivity/Resistance Meter

Operation:

Connections are made to Model 272A via appropriate mating connectors. Overall length including cable is approximately 3 feet (90 cm). Probe length: 4.5 inches (115 mm).

Test Setup:

Note: Use of specimen support plate is optional.



In use, the excitation voltage appears across the tip of the probe and the outer ring.

DO NOT TOUCH THE TIP OR OUTER RING!



Description:

Guarded ring configuration has outer ring with an inside diameter of 0.44" (11.2 mm) and a spring-loaded inner electrode with an outside diameter of 0.1" (2.54 mm). Measured value will be a resistance value. These dimensions define five squares of material surface (re: ASTM D-257). Multiply resistance value by 5 to determine resistivity (in ohms per square).

Maintenance:

Contamination on insulating surfaces may cause significant measurement errors at high values. Clean periodically with isopropyl alcohol. Spring contact probe provided is cup type with 7 ounce force. The spring pin pulls out of the socket for replacement.

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.

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