Two-Point Resistance Probe Installation, Operation and Maintenance







Figure 1. Desco 19297 Two-Point Resistance Probe

Description

The Desco 19297 Two-Point Resistance Probe meets ANSI/ESD STM11.13-2015 requirements for testing the resistance of small samples or small areas on a larger sample. It utilizes two gold plated, spring-loaded pins with conductive rubber electrodes at the point of contact. The two electrodes measure 0.125" in diameter and are spaced 0.25" between centers.

The Desco Two-Point Resistance Probe is compatible with the following Desco Surface Resistance Meters:

| Item | Description |
|--------------|--------------------------------------|
| <u>19290</u> | Digital Surface Resistance Meter Kit |
| <u>19291</u> | Digital Surface Resistance Meter |
| <u>19784</u> | Analog Surface Resistance Meter Kit |
| <u>19786</u> | Analog Surface Resistance Meter |
| <u>19640</u> | Surface Resistance Checker |

Packaging

- 1 Two-Point Resistance Probe
- 1 BNC / Banana Jack Adapter

Operation

- Connect the Two-Point Resistance Probe to a resistance meter using the included BNC adapter and the meter's test leads.
- Place the sample to be tested on an insulative surface.
- Compress the spring-loaded pins on the Two-Point Resistance Probe downward onto the sample approximately half of the length of travel.
- Take a resistance measurement using the resistance meter.

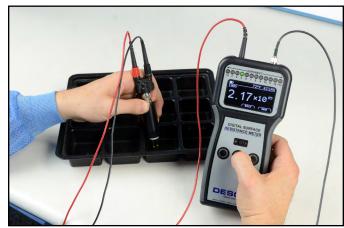


Figure 2. Using the Two-Point Resistance Probe with the Desco 19290 Digital Surface Resistance Meter

Specifications

| Dimensions (with BNC adapter) | 5.5" x 1.2" (140 mm x 30 mm) |
|-------------------------------|---------------------------------|
| Weight | 0.15 lbs |
| (with BNC adapter) | (0.07 kg) |
| Minimum | 0.75" x 0.188" x 0.438" deep |
| Measurement Size | (19 mm x 5 mm x 11 mm deep) |
| Country of Origin | United States of America |

Limited Warranty, Warranty Exclusions, Limit of Liability and RMA Request Instructions

See the Desco Warranty -

Desco.com/Limited-Warranty.aspx

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