

Two-Point Resistance Probe Installation, Operation and Maintenance



Made in the
United States of America



Figure 1. Desco 19297 Two-Point Resistance Probe

Description

The Desco [19297](#) Two-Point Resistance Probe meets ANSI/ESD STM11.13-2021 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 3.2 mm in diameter and are spaced 6.4 mm between centers. Replacement pins are available as item [19299](#).

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

Item	Description
19290	Digital Surface Resistance Meter Kit
19291	Digital Surface Resistance Meter
19784	Analog Surface Resistance Meter Kit
19786	Analog Surface Resistance Meter
19640	Surface Resistance Checker

Packaging

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

Operation

1. Connect the Two-Point Resistance Probe to a resistance meter using the included BNC adapter and the meter's test leads.
2. Place the sample to be tested on an insulative surface.
3. Compress the spring-loaded pins on the Two-Point Resistance Probe downward onto the sample approximately half of the length of travel. Ensure that your skin does not make contact with any of the metal on the Two-Point Resistance Probe.
4. Take a resistance measurement using the resistance meter.

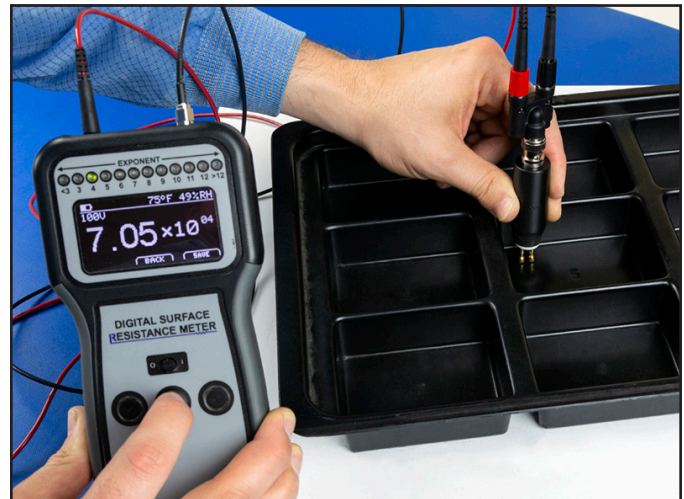


Figure 2. Using the Two-Point Resistance Probe with the Desco 19290 Digital Surface Resistance Meter

Specifications

Dimensions (with BNC adapter)	5.5" x 1.2" (140 mm x 30 mm)
Weight (with BNC adapter)	0.15 lbs (0.07 kg)
Minimum Measurement Size	0.75" x 0.188" x 0.438" deep (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](https://www.desco.com/Limited-Warranty.aspx)