

# 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 STM11.13-2015 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 0.50" 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
<a href="#">19290</a>	Digital Surface Resistance Meter Kit
<a href="#">19291</a>	Digital Surface Resistance Meter
<a href="#">19784</a>	Analog Surface Resistance Meter Kit
<a href="#">19786</a>	Analog Surface Resistance Meter
<a href="#">19640</a>	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)