Two-Point Resistance Probe
Installation, Operation and Maintenance

Description
The SCS 770757 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 SCS Two-Point Resistance Probe is compatible with the following SCS Surface Resistance Meters:

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>770760</td>
<td>Resistance Pro Meter Kit</td>
</tr>
<tr>
<td>770761</td>
<td>Resistance Pro Meter</td>
</tr>
<tr>
<td>701</td>
<td>Analog Surface Resistance Megohmmeter Kit</td>
</tr>
<tr>
<td>701-M</td>
<td>Analog Surface Resistance Megohmmeter</td>
</tr>
<tr>
<td>SRMETER2</td>
<td>Surface Resistance Meter</td>
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</tbody>
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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.

Specifications
- Dimensions: 5.5” x 1.2” (140 mm x 30 mm)
- Weight: 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

Figure 1. SCS 770757 Two-Point Resistance Probe

Figure 2. Using the Two-Point Resistance Probe with the SCS 770760 Resistance Pro Meter Kit