

# ESD Survey Kit Operation and Maintenance



Made in the  
United States of America



Figure 1. Desco 19791 ESD Survey Kit

## Description

The Desco [19791](#) ESD Survey Kit is used for measuring, verifying, and qualifying products for use in the ESD Protected Area. The kit includes the following instruments:

- **Digital Surface Resistance Meter** to measure resistance point-to-point (Rtt) or surface to ground (Rtg) in accordance with ESD Association Standard ANSI/ESD S4.1.
- **Handheld Electrode** to measure Floor Materials and Footwear - Resistance Measurement in Combination with a Person (ANSI/ESD STM97.1).
- **Ground Hub Monitor** to monitor the path-to-ground integrity of the electrical outlet and provide numerous groundable points.
- **Low Resistance Tester** to measure the resistance of grounding paths of banana jacks and other equipment.
- **Ionization Test Kit** to measure static fields and to measure offset voltage (balance) and charge decay of ionization equipment.
- **Training Paddle Set** to demonstrate the creation of static charges and the functionality of ESD control products.

Per ANSI/ESD S20.20 section 6.1.3.1 Compliance Verification Plan Requirement “A Compliance Verification Plan shall be established to ensure the organization’s compliance with the requirements of the Plan. Formal audits or certifications shall be conducted in accordance with a Compliance Verification Plan that identifies the requirements to be verified, and the frequency at which those verifications must occur. Test equipment shall be selected to make measurements of appropriate properties of the technical requirements that are incorporated into the ESD program plan.”

6.1.3.2. Compliance Verification Plan Guidance “In addition to internal audits, external audits (Organization and supplier of ESDS items) should be performed to ensure compliance with planned requirements. Verifications should include routine checks of the Technical Requirements in the Plan. The frequency of verification checks should be based on the control item usage, its durability and associated risk of failure.”

This clearly states the necessity of having the means to perform regular surveys at your facility. The ESD Survey Kit will enable you to do this.

The ESD Program Standard ANSI/ESD S20.20 can be downloaded here:  
<https://www.esda.org/standards/>



Figure 2. Using the ESD Survey Kit's lid organizer

## Packaging

Qty	Item	Description	Technical Bulletin
1	<a href="#">19290</a>	Digital Surface Resistance Meter Kit	<a href="#">TB-3076</a>
1	<a href="#">19295</a>	Handheld Electrode	<a href="#">TB-3076</a>
1	<a href="#">19203</a>	Ground Hub Monitor	<a href="#">TB-3099</a>
1	<a href="#">19249</a>	Low Resistance Tester	<a href="#">TB-3070</a>
1	<a href="#">19443</a>	Ionization Test Kit	<a href="#">TB-3090</a>
1	<a href="#">06850</a>	Training Paddle Set	<a href="#">TB-3003</a>
1	-	Pelican 1510 Case	-

## Specifications

Dimensions	22.0" x 13.8" x 9.0" (559 mm x 351 mm x 229 mm)
Weight	13.0 lbs (5.9 kg)
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://Desco.com/Limited-Warranty.aspx)

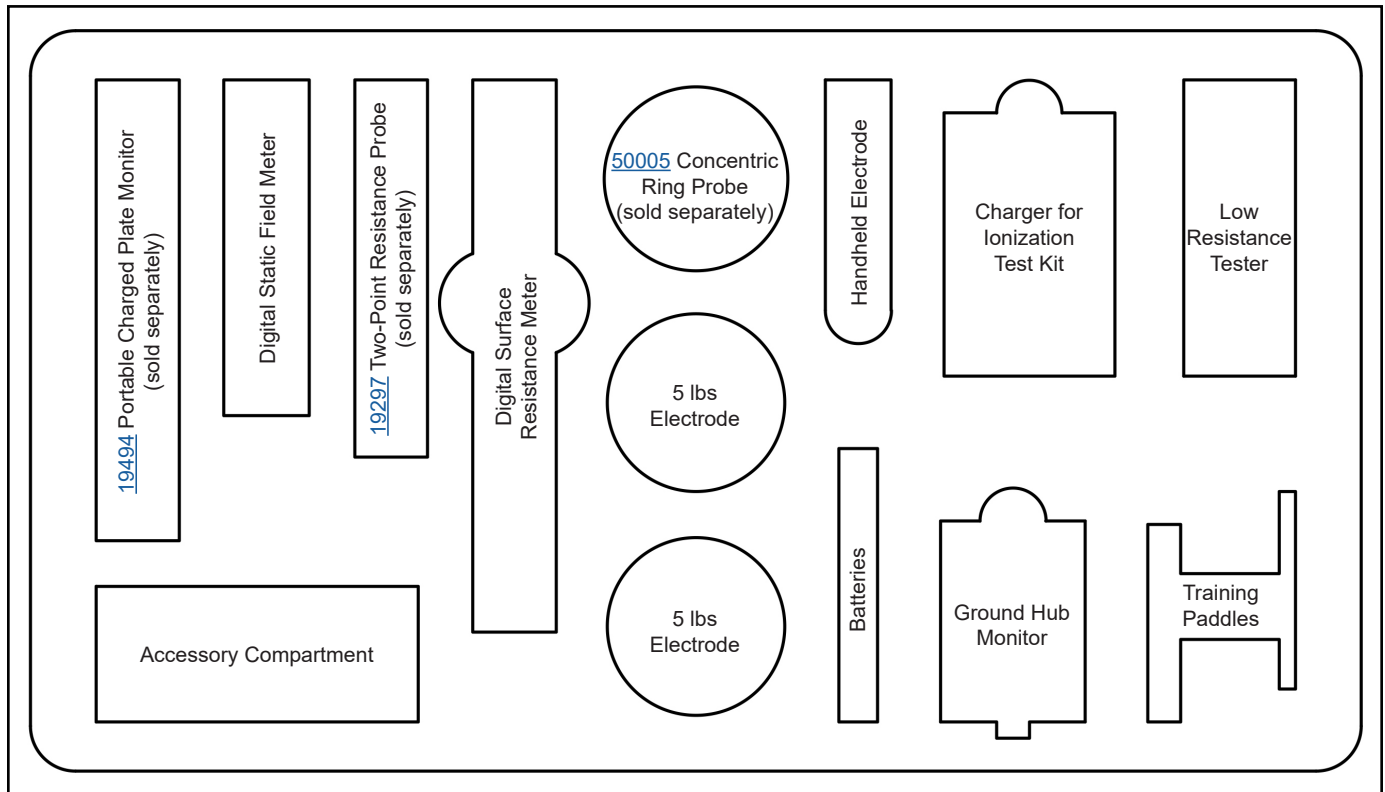


Figure 3. Item compartments