

# ESD Survey Kit Operation and Maintenance



Made in the  
United States of America



Figure 1. Desco [50568](#) ESD Survey Kit, North America, 120VAC



Figure 2. Desco [50569](#) ESD Survey Kit, Asia, 220VAC

## Description

The Desco ESD Survey Kit is used for measuring, verifying, and qualifying products for used 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.
- **AC Outlet Analyzer** to confirm that an outlet's wiring is correct and the path to earth ground via the equipment grounding conductor (the green wire) is intact.
- **Low Resistance Tester** to measure the resistance of grounding paths of banana jacks and other equipment.
- **Field Meter/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.

The ESD Survey Kit is available in two models:

Item	Region	Voltage
<a href="#">50568</a>	North America	120VAC
<a href="#">50569</a>	Asia	220VAC

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/esda-documents/>

### Packaging

#### 50568 ESD SURVEY KIT, NORTH AMERICA, 120VAC

Qty	Item	Description	Technical Bulletin
1	<a href="#">19787</a>	Digital Surface Resistance Meter Kit	<a href="#">TB-3062</a>
1	98132	AC Outlet Analyzer and Wrist Strap Tester, North America, 120VAC	<a href="#">TB-2099</a>
1	<a href="#">19249</a>	Low Resistance Tester	<a href="#">TB-3070</a>
1	<a href="#">19493</a>	Ionization Test Kit	<a href="#">TB-3041</a>
1	-	Training Paddle Set	-
1	-	Heavy Duty Carrying Case	-

#### 50569 ESD SURVEY KIT, ASIA, 220VAC

Qty	Item	Description	Technical Bulletin
1	<a href="#">19787</a>	Digital Surface Resistance Meter Kit	<a href="#">TB-3062</a>
1	<a href="#">98131</a>	AC Outlet Analyzer and Wrist Strap Tester, Asia, 220VAC	<a href="#">TB-2099</a>
1	<a href="#">19249</a>	Low Resistance Tester	<a href="#">TB-3070</a>
1	<a href="#">19493</a>	Ionization Test Kit	<a href="#">TB-3041</a>
1	-	Training Paddle Set	-
1	-	Heavy Duty Carrying Case	-



Figure 3. Extendable handle on the carrying case

### Specifications

Weight	28 lbs (13 kg)
Dimensions	22.0" x 13.8" x 9.0" (56 cm x 35 cm x 23 cm)

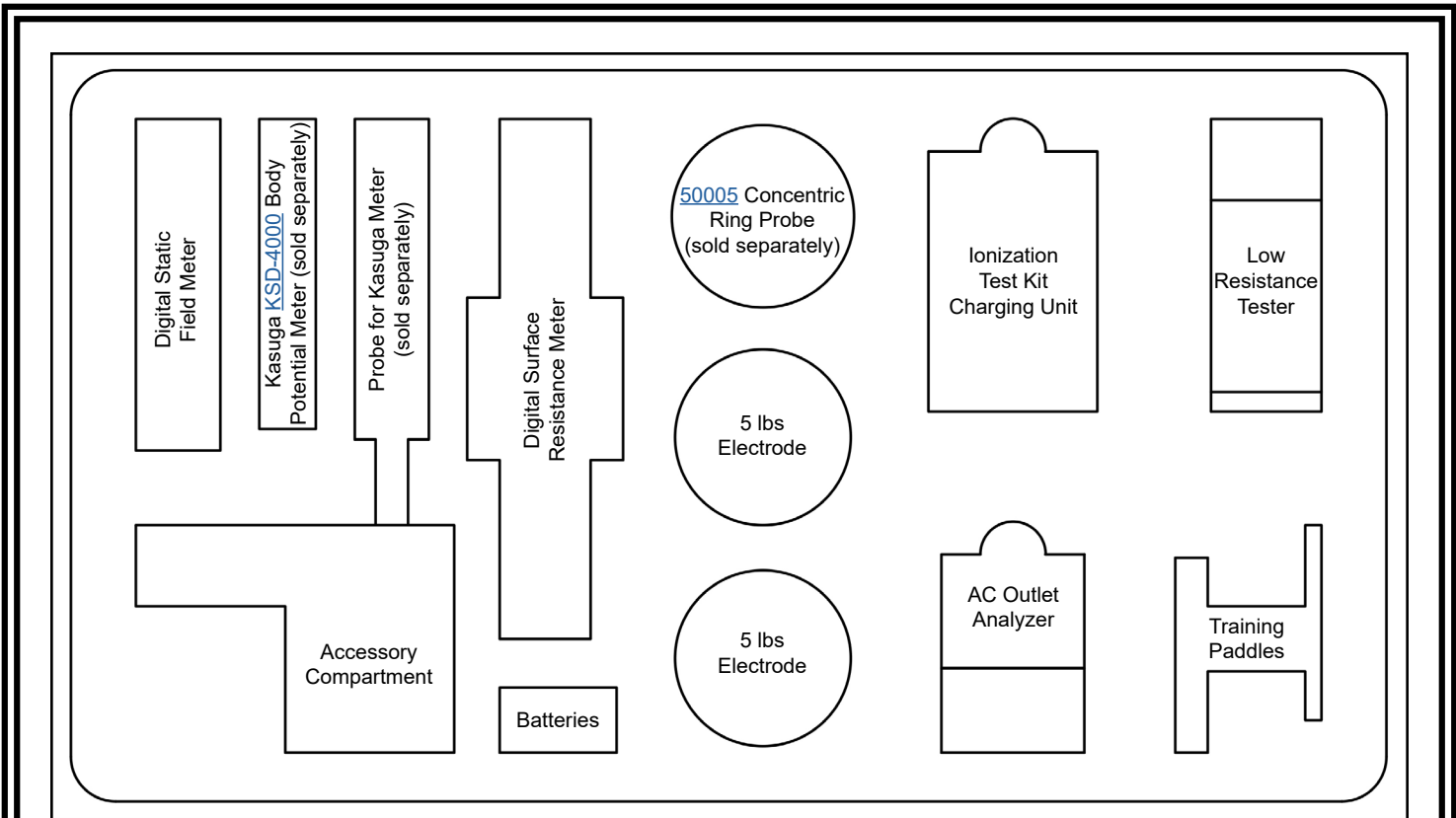


Figure 4. Item compartments

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

See [Desco Terms and Conditions](#)