

ESD Survey Kit Operation and Maintenance



Made in the
United States of America



Figure 1. Desco Europe 222697 ESD Survey Kit, UK



Figure 2. Desco Europe 222698 ESD Survey Kit, Europe

Description

The Desco Europe 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 (Rp-p) or surface to ground (Rg) in accordance with IEC 61340-2-3. Use for testing working surfaces, storage racks, trolleys, flooring, garments and seating.
- **Handheld Electrode** to measure Floor Materials and Footwear - Resistance Measurement in Combination with a Person (IEC 61340-4-5).
- **AC Outlet Analyser** to confirm that an electrical outlet's wiring is correct and the path-to-earth protective ground is intact.
- **Low Resistance Tester** to measure the resistance of grounding paths of banana jacks and other equipment.
- **Ionisation Test Kit** to measure static fields and to measure offset voltage (balance) and charge decay of ionisation equipment.
- **Training Paddle Set** to demonstrate the creation of static charges and the functionality of ESD control products.
- **Adjustable Metal Wrist Strap** to ground the operator.
- **Heel Grounders** to ground the operator via ESD flooring.

The ESD Survey Kit is available in two models:

Item	Region
222697	United Kingdom
222698	Europe

Per IEC 61340-5-1 clause 5.2.4 Compliance verification plan: "A compliance verification plan shall be established to ensure the organization's fulfillment of the requirements of the plan. Process monitoring (measurements) shall be conducted in accordance with a compliance verification plan that identifies the technical requirements to be verified, the measurement limits and the frequency at which those verifications must occur. The compliance verification plan must document the test methods used for process monitoring and measurements. If the organization uses test methods that differ from the standards referenced in this standard, the organization must be able to show that the results achieved correlate with the referenced standards. Compliance verification records shall be established and maintained to provide evidence of conformity to the technical requirements. The test equipment selected shall be capable of making the measurements defined in the compliance verification plan."

This clearly states the necessity of having the means to perform regular self audits or compliance verification testing at your facility. This may be completed using the ESD Survey Kit.

The ESD Standard IEC 61340-5-1 can be purchased from www.bsigroup.com.



Figure 3. Using the ESD Survey Kit's lid organizer

Packaging

222697 ESD SURVEY KIT

Qty	Item	Description	Technical Bulletin
1	19290	Digital Surface Resistance Meter Kit	TB-3076.E
1	19295	Handheld Electrode	TB-3076.E
1	98134	AC Outlet Analyser & Wrist Strap Tester, UK	TB-3094.E
1	222645	Low Resistance Tester	TB-7600
1	19443	Ionisation Test Kit	TB-3090
1	229625	Adjustable Metal Wrist Strap	230115 229615
1	248555	Heel Grounder	248555
1	-	Training Paddle Set	-
1	-	Pelican 1510 Case	-

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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 Europe Warranty - DescoEurope.com/Limited-Warranty.aspx

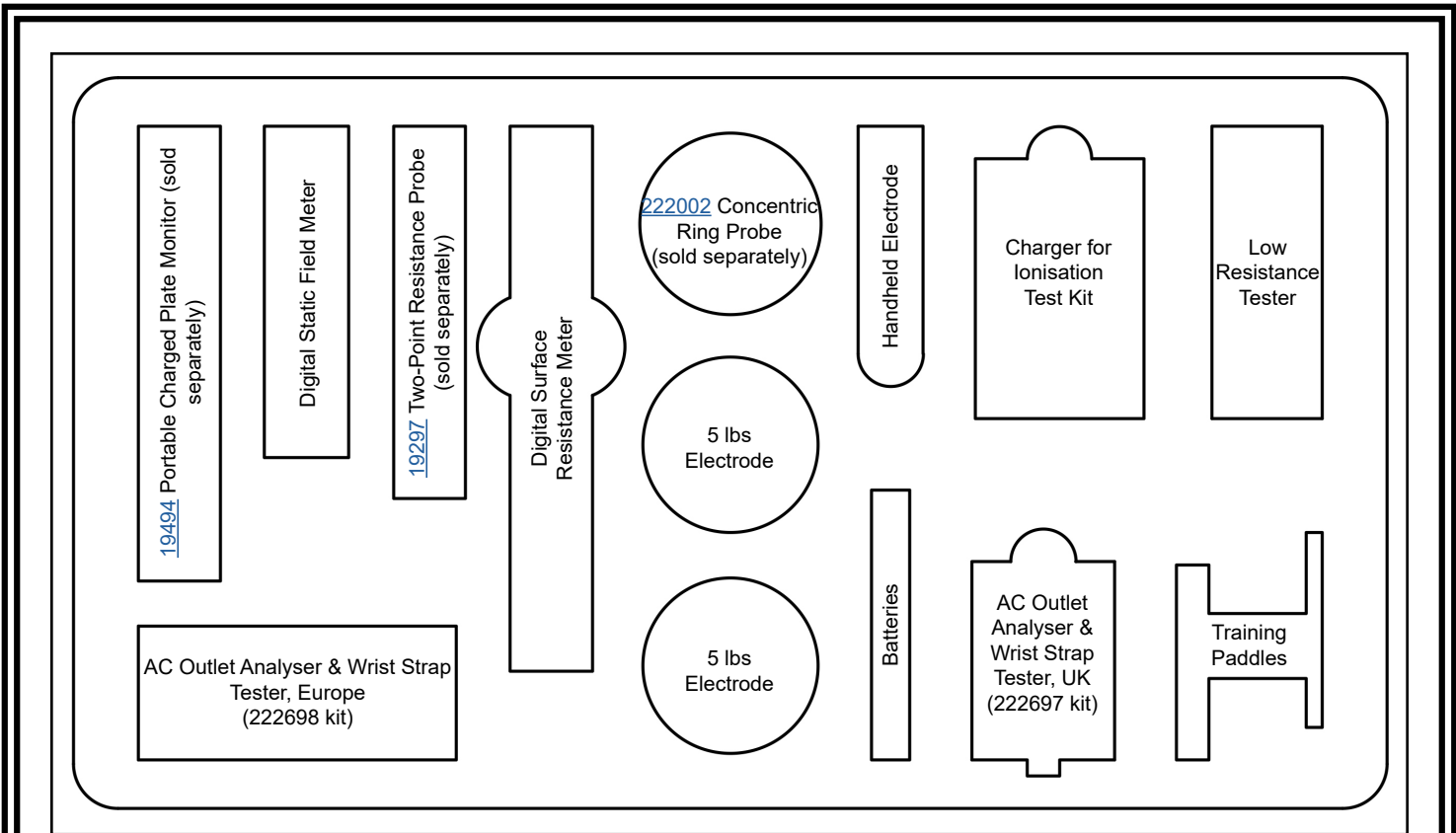


Figure 4. Item compartments