

ESD Survey Kit Operation and Maintenance



Made in the
United States of America



Figure 1. Charleswater [99201](#) ESD Survey Kit, UK, 220VAC



Figure 2. Charleswater [99202](#) ESD Survey Kit, Europe, 220VAC

Description

The Charleswater ESD Survey Kit is used for measuring, and verifying the required limits for product qualification and compliance verification of ESD control products used 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.
- **AC Outlet Analyzer** to confirm that an 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 common ground point (earth bonding point) and other equipment.
- **Static Field Meter/Ionization Test Kit** to measure electrostatic fields and to measure offset voltage (balance) and charge decay time of ionisation equipment (ref: ANSI/ESD STM3.1).
- **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
99201	United Kingdom	220VAC
99202	Europe	220VAC

Per EN 61340-5-1 clause 5.2.3 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. The ESD Survey Kit will enable you to do this.

The ESD Program Standard EN 61340-5-1 can be purchased from <http://www.bsigroup.com/>.

Packaging

99201 ESD SURVEY KIT, UK, 220VAC

Qty	Item	Description	Technical Bulletin
1	99026	Digital Surface Resistance Meter Kit	PPE-5103.E
1	99142	AC Outlet Analyser and Wrist Strap Tester, UK, 220VAC	PPE-5095.E
1	99039	Low Resistance Tester	PPE-5113.E
1	50598	Ionization Test Kit	TB-6568
1	-	Training Paddle Set	-
1	60000 60260	Jewel® MagSnap™ Wrist Strap	60000.E 60260.E
1	70030	Full Coverage Foot Grounder, Medium	70030.E
1	-	Heavy Duty Carrying Case	-

99202 ESD SURVEY KIT, EUROPE, 220VAC

Qty	Item	Description	Technical Bulletin
1	99026	Digital Surface Resistance Meter Kit	PPE-5103.E
1	99149	AC Outlet Analyser and Wrist Strap Tester, Europe, 220VAC	PPE-5095.E
1	99039	Low Resistance Tester	PPE-5113.E
1	50598	Ionization Test Kit	TB-6568
1	-	Training Paddle Set	-
1	60000 60260	Jewel® MagSnap™ Wrist Strap	60000.E 60260.E
1	70030	Full Coverage Foot Grounder, Medium	70030.E
1	-	Heavy Duty Carrying Case	-



Figure 3. Extendable handle on the carrying case

Specifications

Weight 13 kg
Dimensions 56 cm x 35 cm x 23 cm

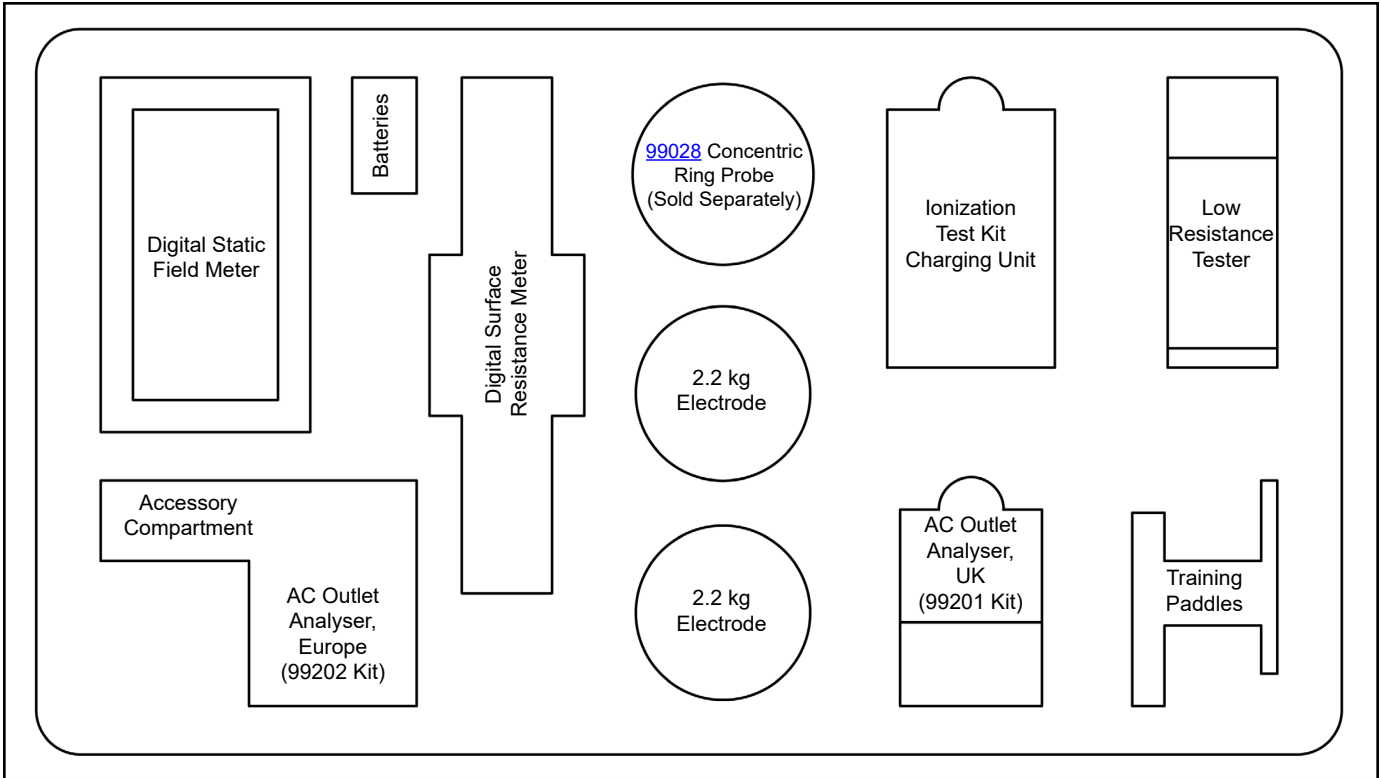


Figure 4. Item compartments

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

See Charleswater's Warranty - <http://www.charleswater.co.uk/LimitedWarranty.aspx>