



SCS TB-9099 ESD Event Diagnostic Kit Instruction Manual

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SCS TB-9099 ESD Event Diagnostic Kit



Product Information

Specifications

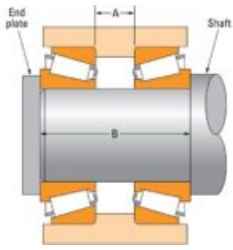
- Dimensions: 22.0 x 13.8 x 9.0 inches (559 mm x 351 mm x 229 mm)
- Weight: 24.0 lbs (10.9 kg)
- Country of Origin: United States of America

Description

The SCS 770051 ESD Event Diagnostic Kit is a comprehensive kit that includes hardware and software for detecting ESD events and measuring their magnitude. It offers real-time data to validate your ESD processes step by step. The kit is portable and user-friendly.

Packaging

Qty	Item Description
1	770055 SMP Site License
4	770066 EM Aware Monitor
1	CAT5E Cable, 25-ft.
1	Pelican 1510 Case



Operation and Maintenance

The kit is designed for easy operation and maintenance. Please refer to the user manual for detailed instructions on how to use and maintain the kit effectively.

Product Usage Instructions

- **Setup**

Place the kit on a stable surface in the area where you want to detect ESD events.

- **Power On**

Connect the EM Aware Monitors and other components as per the provided diagram. Power on the kit.

- **Data Collection**

Monitor the real-time data displayed on the EM Aware Monitors to detect ESD events and their magnitude.

- **Analysis**

Analyze the collected data to validate your ESD process and make necessary improvements if required.

FAQ

- **Q: Can the ESD Event Diagnostic Kit be used in multiple locations?**

- A: Yes, the portable nature of the kit allows it to be used in various locations to validate ESD processes.

- **Q: Is technical support available for this product?**

- A: Yes, technical support is available. Please refer to the user manual for contact information or visit our website for assistance.



Made in the
United States of America

ESD Event Diagnostic Kit Operation and Maintenance

The kit includes the following items

- Static Management Program to capture data from SCS workstation, equipment and ESD event continuous monitors.
- EM Aware Monitor to continuously monitor ESD events, change in static voltage field, and ionizer performance*.
- 5-Port Ethernet Switch to connect all included continuous monitors to a local area network (LAN).

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.”



Figure 1. SCS 770051 ESD Event Diagnostic Kit

Description

The SCS 770051 ESD Event Diagnostic Kit is fully equipped with the hardware and software that allows you to detect ESD events and their magnitude. The portable kit provides real-time data which will validate your ESD process one area at a time.



Static Management Program

SMP continuously monitors an ESD process control system throughout all stages of manufacturing. SMP captures data from SCS workstation, equipment and ESD event continuous monitors and provides a real-time picture of critical manufacturing processes. All activity is stored into a database for on-going quality control purposes. SMP allows its administrators to pinpoint areas of concern and prevent ESD events. Quantifiable data allows its administrators to see trends, become more proactive and prove the efficiency of their ESD process control system.

Compatible with critical environment ionizers only. The ionizer must have a balance (offset voltage) of $\pm 40V$ or better.



Figure 2. Using the the lid organizer to store accessories

Packaging

Qty	Item	Description	User Guide
1	770055	SMP Site License	TB-9081
4	770066	EM Aware Monitor	TB-9097
1	—	NETGEAR® GS105E 5-Port Ethernet Switch	—
5	—	CAT5E Cable, 25-ft.	—
1	—	Pelican 1510 Case	—

Specifications

Dimensions	22.0" x 13.8" x 9.0" (559 mm x 351 mm x 229 mm)
Weight	24.0 lbs (10.9 kg)
Country of Origin	United States of America

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

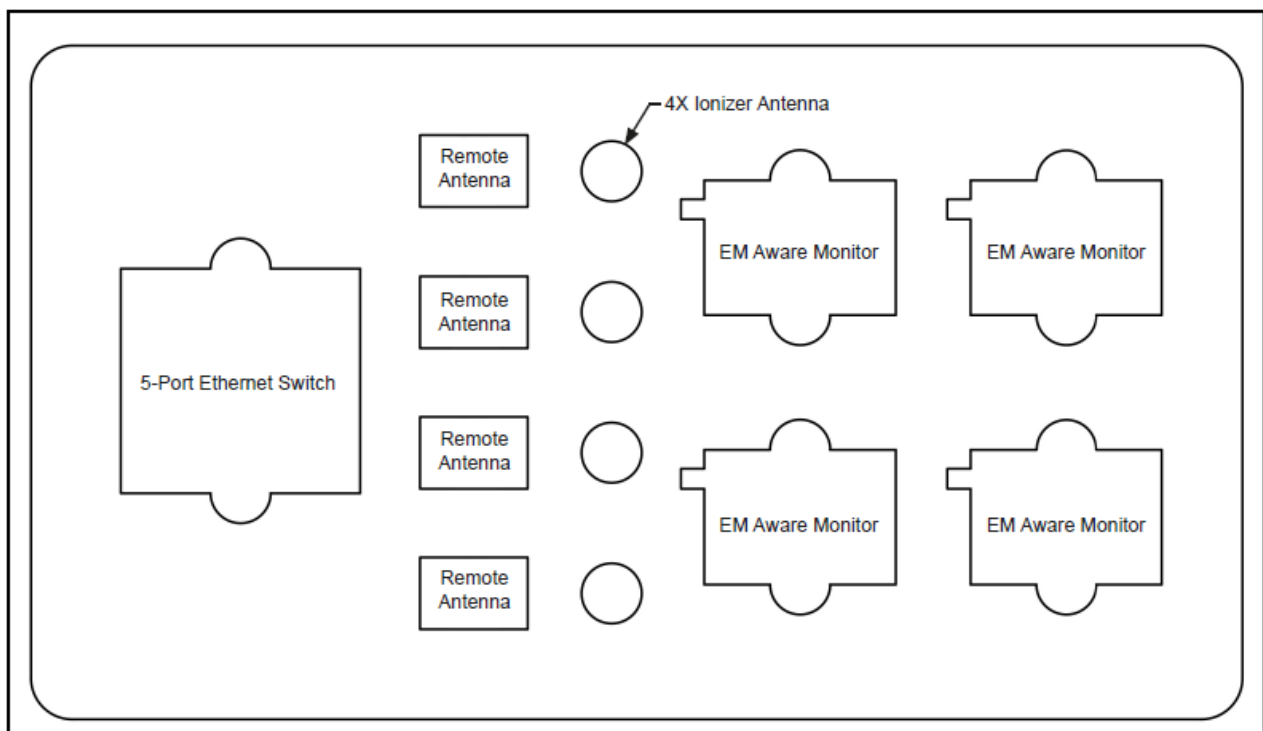


Figure 3. Item compartments

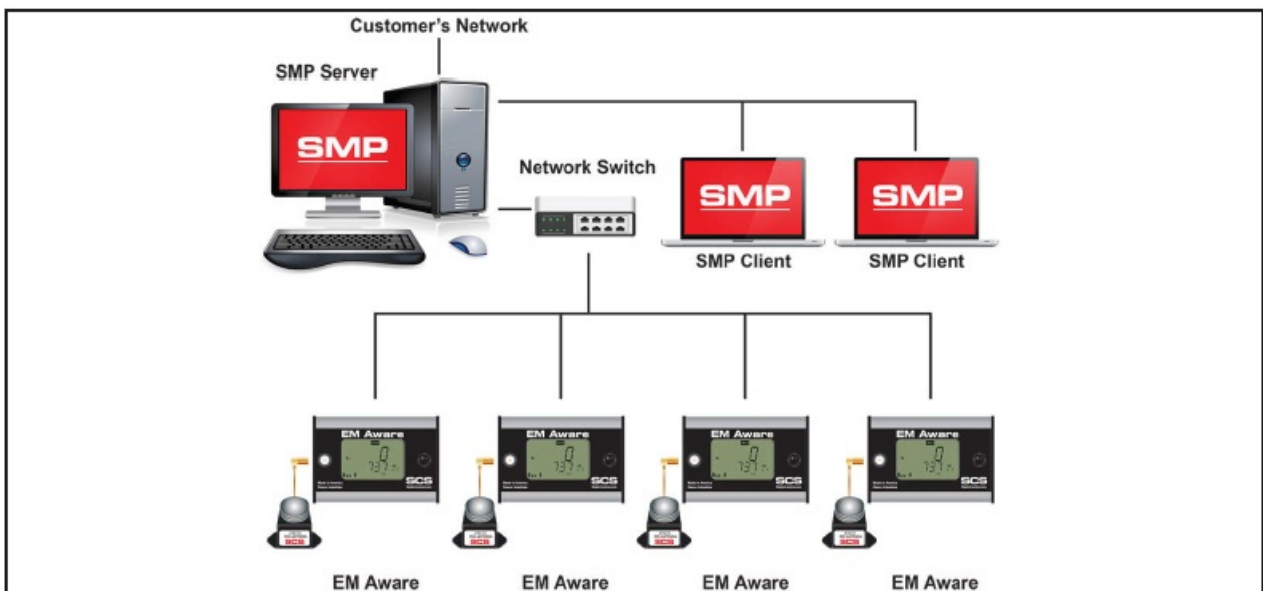



Figure 4. ESD Event Diagnostic Kit network diagram

Documents / Resources

	<p>SCS TB-9099 ESD Event Diagnostic Kit [pdf] Instruction Manual TB-9099, TB-9099 ESD Event Diagnostic Kit, ESD Event Diagnostic Kit, Event Diagnostic Kit, Diagnostic Kit, Kit</p>
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References

- [User Manual](#)

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