

ESD Event Diagnostic Kit Operation and Maintenance



Made in the
United States of America



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.*

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 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

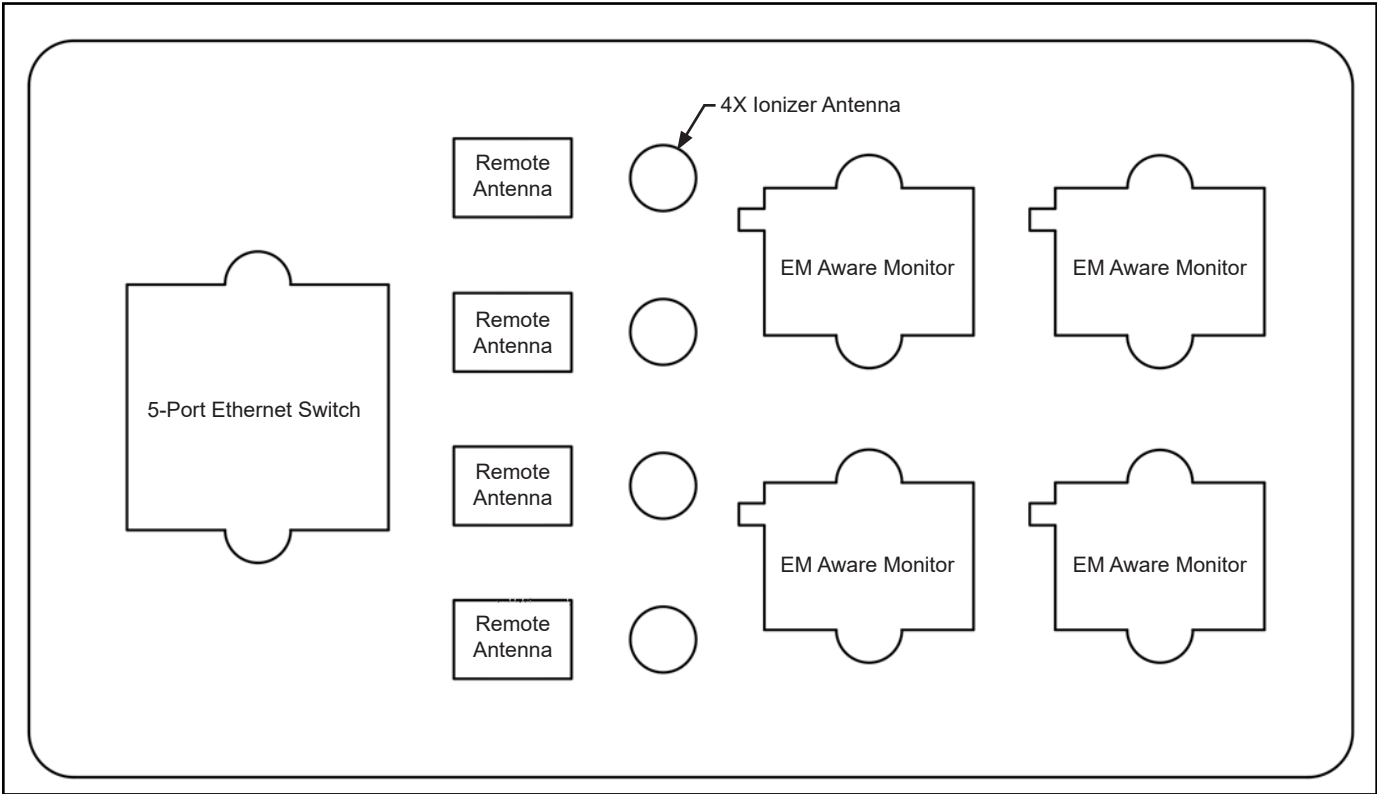


Figure 3. Item compartments

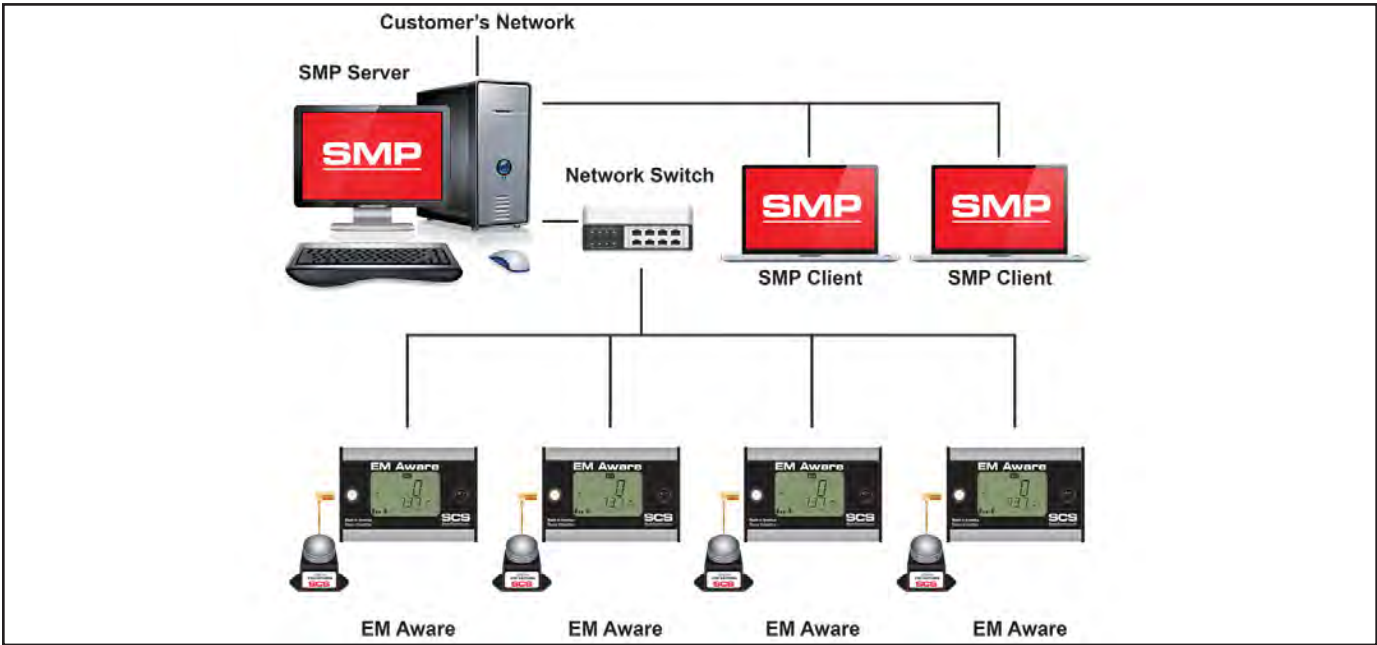


Figure 4. ESD Event Diagnostic Kit network diagram