



# Data Acquisition

## ESD Process Control and Management Solutions

- Tools and support to limit electrostatic charges
- Improve quality, productivity, and reliability of the products manufactured
- Monitor output signal, manage data, or control processes
- Leading companies use continuous monitors, ionization, and test equipment with computer data acquisition capabilities
- EMIT products provide ESD process control and management solutions.

## Ionization - Benchtop and Overhead

- EMIT Zero Volt Ionizers (ZVI) provide real-time data: in line, offline or out of balance
- Able to remotely change fan speeds, alarm settings and identification

## Room Ionization

- Control ElectroStatic Attraction (ESA) and particulate contamination in clean room environments
- For optimum coverage and control
- Able to remotely calibrate offset voltage balance, adjust alarm settings, and monitor each room

## Zero Volt Continuous Monitors

- Provides data input and output
- Can record ESD events, time usage, and failures
- Manage each ESD workstation independently and in real-time



50760 SmartLog V5™

## Wrist Strap and Footwear Testers

- SmartLog V5™ is the industry's most complete data management product
- SmartLog V5™ is used worldwide by many leading companies
- SmartLog V5™ independently tests wrist straps and ESD footwear
- Can network multiple SmartLog V5™ units from locations around the world





Test results of SmartLog V5™ or failures can be automatically e-mailed to supervisors. EMIT provides those responsible for ESD control with the tools and support to limit electrostatic charges to the optimum level-to improve quality, productivity, and reliability of the products manufactured. EMIT brand products are designed to allow customers to monitor output signal, manage data, or control processes. Output relays, output signals, and software control can be found on many EMIT products.

Many leading companies use continuous monitors, ionization, and test equipment with computer data acquisition capabilities. Knowledge of ongoing proper grounding, ionization offset voltages, and test results lead to improvement in product yields and reliability. EMIT products provide ESD process control and management solutions.

### Ionization - Benchtop and Overhead

EMIT Zero Volt Ionizers (ZVI) are equipped with data serial ports to provide real-time data of ionizer performance: in line, offline or out of offset voltage balance. Using the EMIT Overhead Zero Volt Ionizer, the ESD Coordinator can use software control remotely online to change fan speeds, offset voltage balance alarm settings and identification.

### Room Ionization

Intelligent Room Ionization System (IRIS) is a product designed to control ElectroStatic Attraction (ESA) and particulate contamination in clean room environments. This innovated technology is a custom and modular room system created for optimum coverage and controlled. The EMIT IRIS system is also controlled and managed by proprietary software that allows customers to remotely calibrate the ionization offset voltage balance and adjust alarm settings, as well as monitor the status of each customized room.

### Zero Volt Continuous Monitors

EMIT Dual Wire Zero Volt Continuous Monitors have data input and output to allow users to use software to record ESD events, time usage, failures and most importantly control their ESD process by managing each ESD workstation independently and in real-time.

### Wrist Strap and Footwear Testers

The SmartLog V5™ is the industry's most complete data management product and is being used worldwide by many leading high tech manufacturers. The SmartLog V5™ independently tests wrist strap and ESD footwear independently while worn. The user can network their SmartLog V5™ units from multiple locations around the world. Test results or failures can be automatically e-mailed to supervisors or departments. Real-time employee status and individual test requirements can be programmed. Built in relays allow the SmartLog V5™ to be connected to open a secure entrance.

