

# RESISTANCE - TO - GROUND MONITOR **Z109**



The **grounding** of ESD protective equipment is used to reduce the chance of damage to susceptible parts and assemblies resulting from ESD. The first step in ensuring that everything is at the same electrical potential is to ground all components to the same electrical ground point. This point is called the **common point ground** and is defined by **ANSI EOS/ESD/S6.1** as a *system or method for connecting two or more grounding conductors to the same electrical potential.*

**ANSI S6.1:** Highly conductive work surfaces and ESD protective flooring should be connected directly to ground **eliminating the resistor**. For static dissipative work surfaces and ESD protective floor mats the resistors are optional.

The **Model Z109** verifies that the bonding-to-ground of the ESD workstation is less 5 ohms. This unit continuously monitors and reports the integrity of **point-to-ground** connections on ESD workstations and other associated items. The **5 ohm** threshold has been selected to accommodate long interconnecting cords used for Grounding.

## SPECIFICATIONS :

Measurement Threshold	: 5 ohms
Tolerance	: 1 ohm
Indication	: LEDs and Audible alarm
Test mode	: Continuous monitoring
Dimensions in mm & Wt	: 110 x 60 x 32 100 gms
Calibration	: Recommended every 12 months
Traceability	: To national standards
Warranty	: 12 months
Accessories included	: Power Adaptor