

# CONTINUOUS WORKSTATION MONITOR **Z107**



The Model **Z107** has independent circuitry designed to continuously monitor the connections to earth of the Wrist Strap and Work Surface.

## **WRIST STRAP**

This section continuously monitors the wriststrap to detect loss of continuity between operator and monitor. Conditions such as broken coil cords and improper contact with the skin are detected instantly to alert the operator before serious and expensive ESD damage can occur. As there is no resistive return path from the wriststrap, it uses the 'Capacitive AC principle' to check if the operator is adequately grounded. The Wrist Strap section is automatically activated when it is plugged in. Continuous monitoring reduces the need for periodic checks and audits and also ensures greater security.

## **WORK SURFACE (MAT)**

The work surface is monitored by a DC Resistive loop and a warning is given in case the Surface-to-Ground resistance exceeds the safe threshold value of 10 megohms

## SPECIFICATIONS

Pass Threshold	:	under 10 Megohms for Wrist Strap.
	:	under 10 Megohms for MAT
Indications	:	Pass - Green LED
	:	Fail - Flashing Red LED for Wrist Strap
	:	Steady Red LED for MAT
	:	Audible Alarm for Fail mode.
Power supply	:	6VDC 100ma
Dimensions	:	110 x 60 x 32 mm
Weight	:	75 gms
Calibration	:	Recommended every 12 months.
Warranty	:	One year.