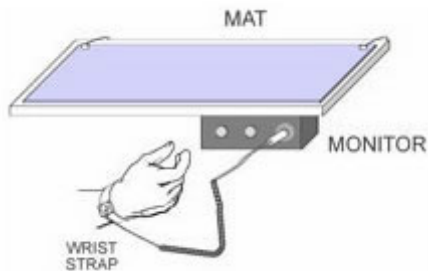




Ground Zero Electrostatics CM-9202 Continuous Wrist Strap Monitor

CM-9202 Continuous Wrist Strap Monitor



Reliable, constant ESD ground monitoring at the ESD workstation is critical. Unlike static control monitors that require expensive, fragile, dual conductor wrist strap cords (and provide a pulsed verification a mere 10% of the time) our monitors provide 100% continuous readings and do not require special wrist straps. Per ANSI/ESD S.2020; "Test equipment shall be selected to make measurements of appropriate properties of the technical requirements that are incorporated into an ESD Program Plan."

The CM- 9202D Monitors the Wrist strap, Operator and the Work surface ground. The monitor is NOT AFFECTED by such variables as:

- ☀ Type of style of Wrist strap
- ☀ Adding capacitance to a Wrist strap cord by stretching and or bunching
- ☀ ELIMINATES periodic ground and wrist strap inspections
- ☀ Insures that the Work surface and the Operator are the same Ground Potential

SPECIFICATIONS:

SIZE(Overall, excluding power supply)	2 3/8" X 2 1/4" X 1"
WEIGHT (Overall, including Power supply)	7.8 OZ
STRAP POTENTIAL	.7 VOLTS ± .1 V.D.C.
STRAP TRIGGER	38 to 87 Pico farads of body capacitance with 1.0 Megohms wrist strap resistance
FAULT RESISTANCE (Top)	3.5 Megohms (min) to 6.5 Megohms (max) (Scrim and/or surfaces to ground)
SENSED IMPEDANCE (Wrist Strap)	Z=2.5 Megohms (nominal). Capacity reactance of the body at 2.3kHz with skin resistance and wrist strap input resistance
POWER SUPPLY:	
Input	120 VAC – 60Hz
Output	12 VDC (nominal) @ 200 mA.
VISUAL INDICATORS	A. LED Green: Safe condition B. LED Red: Fault condition
AUDIBLE ARLARM	10 Beeps (Max): 5 Seconds





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ADJUSTMENTS

No user adjustments necessary

SYSTEM TEST

A test box is available with pre-set circuit parameters and presents go/no-go conditions

MONITOR MOUNTING

Suitable mounting means provided



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