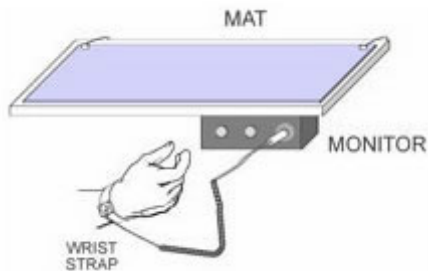




STOPESD *affordable ESD solutions*

CM-9202 Continuous Wrist Strap Monitor

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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- 9202 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 21/4" 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.



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VISUAL INDICATORS

- A. LED Green: Safe condition**
- B. LED Red: Fault condition**

AUDIBLE ARLARM

10 Beeps (Max): 5 Seconds

ADJUSTMENTS

No user adjustments necessary

SYSTEM TEST

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

MONITOR MOUNTING



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