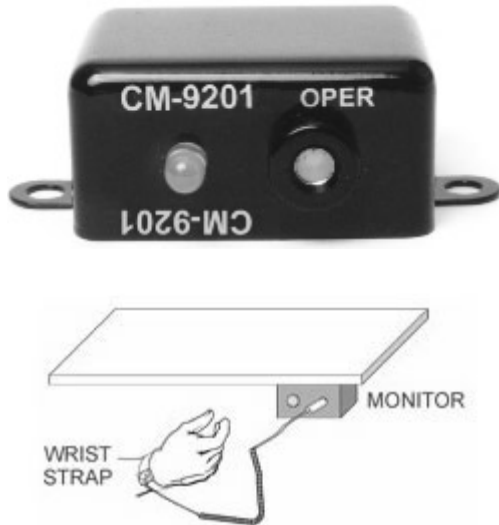




# STOPESD *affordable ESD solutions*

## CM-9201 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- 9201 Monitors the wrist strap and the operator. 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
- ✱ Induces NO CURRENT into the operator

### **SPECIFICATIONS**

**SIZE**(Wrist module only)  
**WEIGHT** (Overall, including Power supply)  
**STRAP POTENTIAL**  
**STRAP TRIGGER**

1 3/4" X 2" X 3/4"  
7.4 OZ  
.7 VOLTS ± .1 V.D.C.

**SENSED IMPEDANCE**

38 to 87 Pico farads of body capacitance with 1.0 Megohms wrist strap resistance (Wrist Strap) Z=2.5 Megohms (Maximum). Capacity reactance of the body at 2.3kHz with skin resistance and wrist strap input resistance

**POWER SUPPLY:**

Input  
Output

120 VAC – 60Hz  
12 VDC (nom) @ 200 mA.

**VISUAL INDICATORS**

A. LED Green: Safe condition  
B. LED Red: Fault condition  
Continuous for 3 Seconds (Nom)

**AUDIBLE ARARM**

No user adjustments necessary

**ADJUSTMENTS**

A test box is available with pre-set circuit

**SYSTEM TEST**



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**STOPESD** *affordable ESD solutions*  
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**MONITOR MOUNTING**

parameters and presents go/no-go conditions.  
Flanges 2<sup>3</sup>/<sub>4</sub>" CC



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