

# Ohm Metrics Continuous Monitors Model CM420

## Single Wire Constant Ground Monitors

The CM410 Single wire constant monitors are the most cost effective method of continuously testing the connection to ground of a person, wrist band and coil cord to ensure ESD protection. Constant monitors eliminate the need to test wrist straps and reduce ESD damage from broken wrist straps that go unnoticed. The systems are compatible with most single wire wrist straps.



Model CM420  
Workstation Monitor

### Features:

- Checks two wrist strap/person and ESD bench
- Compatible with any standard wrist strap.
- Easy to use: Simply plug in the wrist strap.
- Easy to install: Attach the monitor to the bench with included hardware, and plug it in.

*Monitors Two Operators and One Mat*

## Reliable, Repeatable Results

Accuracy and reliability are improved with the design incorporated into our constant monitors. False alarms disappear and adjustments are not necessary. Powered and grounded by an AC adapter, the system is fully automatic and begins sensing when a coil cord is plugged into the unit. A green light indicates a safe connection and a red light and audible alarm communicate an unsafe connection.

<b>Wrist open circuit voltage</b>	0.7 VDC, +0.1VDC @ < 2mA	<b>Periodic Verification Tool</b>	CM410 PV
<b>Mat open circuit voltage</b>	5.0—7.5 VDC	<b>Dimensions</b>	1.00" H x 2.40" W x 2.30" D
<b>Alarm indicators</b>	Alarm/LED (green: safe, red: unsafe)	<b>Weight</b>	7.8 oz
<b>Alarm set point :</b>	6.5 megohm	<b>Power Input</b>	120VAC—60hz
<b>Audible Alarm</b>	10 beeps (max); 5 seconds	<b>Power Output:</b>	12VDC, 200mA
<b>Monitoring capabilities</b>	Two wrist strap/person/ Bench	<b>Adjustment</b>	No adjustments required

This document is prepared for our customers as a service, and is to the best of our knowledge true and accurate. However, it is understood and agreed by the users of this document that we will accept no liability for the conclusions reached. Users of this document may therefore wish to perform additional testing before determining that products mentioned are suitable.

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