

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.

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

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