TRANSFORMING TECHNOLOGIES
OUTSTANDING ALTERNATIVES IN STATIC CONTROL

Ohm METRICS Constant Monitors

Model CM400 - One Operator

Ensure You Are Grounded by Constantly Verifying the Integrity of your Wrist Strap.

The CM400 constant monitor is the most cost effective method of continuously testing the connection-to-ground of a person, 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 CM400 is compatible with most single wire wrist straps. The compact design with molded mounting brackets fits nicely on the underside of bench tops.

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.

Meets or exceeds requirements of ANSI ESD-S20.20 and the recommendations of ESD 4.1.

Features

- **Continuously Checks One Wrist Strap**
- **Audible and Visual Alarms**
- **Compatible with Standard Single Wire Wrist Straps**
- **Easy To Use: Simply Plug In Wrist Strap**
- **Factory Calibrated; No Adjustments or Annual Recalibration**

Applications:

ESD constant monitors reduce production costs by eliminating the time spent on testing wrist straps. Further savings may be realized by reduced ESD damage from broken wrist straps.

Specifications:

Wrist open circuit voltage	0.7 VDC, +0.1VDC @ < 2mA	Verification Tool	CM410 PV
Mat open circuit voltage	5.0—7.5 VDC	Dimensions	0.88" H x 1.75" W x 1.25" D
Alarm indicators	Alarm/LED (green: safe, red: unsafe)	Weight	7.4 oz
Alarm set point :	6.5 megohm	Power Input	120VAC—60hz
Audible Alarm	10 beeps (max); 5 seconds	Power Output:	12VDC, 200mA
Monitoring capabilities	One wrist strap/person	Adjustment	No adjustments required

Part Numbers:

CM400	Single Wire Constant Monitor
CM410PV	Periodic Verification Unit

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