



# Guardian™ Constant Monitors

- Guardian™ CM-1700                      Monitors one wrist strap and one operator
- Guardian™ Plus- CM-1701              Monitors one wrist strap, one operator and one ESD mat
- Guardian™ Pro- CM-1702              Monitors two wrist straps and two operators

## SPECIFICATIONS

- 100% continuous monitoring
- Works with standard one conductor wrist straps/cords
- New technology: capacitance/impedance hyper technology
- NIST calibration included with certificate
- Visual LED, audio piezo sound
- AC powered or 9 volt battery operated(on CM-1700)
- Off/on switch and 4.0 mm docking snap.
- Set points can be adjusted for impedance of wrist straps, capacitance of person and resistance of mats
- Induces no unsafe current or unsafe volts into the operator
- RoHS compliant
- Includes monitor, power supply, ground cord, and NIST certificate/sticker.

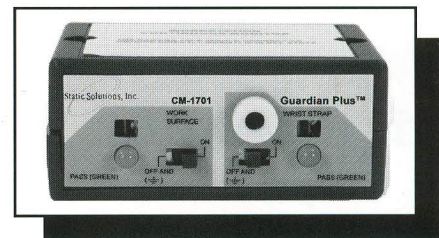
### Guardian™-CM-1700- Monitors one wrist strap and one operator

- **Size:** 3" by 2.75" by 1"
- **Mounting:** hook/loop and screws
- **Safe limits:** Under 1.2 megohms. Impedance can be adjusted according to weight and size of operator.
- **Fail limits:** Over 1.3 megohms which can be adjusted
- **Visual alarm:** red-fail, pass-green
- **Audio alarm:** piezo buzzer
- **Operation:** Active when switch tuned on, wrist strap on operator and green LED is on. Inactive when power switch turned off, and cord on docking snap. Wrist strap and person is connected to ground even if monitor is turned off. Trigger impedance is not changed by a change of incoming voltage.
- **Power:** 110V or 220V or 9 Volt battery with low power battery LED
- **Socket:** Banana plug and 4.0 mm docking snap
- **Price:** 1-25: \$49.00. Call for volume discounts



### Guardian™ Plus-CM-1701- Monitors one wrist strap, one operator and one ESD mat.

- **Size:** 3" by 2.75" by 1"
- **Mounting:** Hook/loop and screws
- **Safe limits:** Under 1.2 megohms
- **Fail limits:** Over 1.3 megohms which can be adjusted.
- **Visual alarm:** Red-fail, pass-green
- **Audio alarm:** Piezo buzzer
- **Operation:** Active when the power switch tuned on, wrist strap is on the operator and the green LED is displayed. Inactive when the power switch is turned off, and the ground cord is on the docking snap. Wrist strap is connected to the ground even if monitor is turned off. Trigger impedance is not changed by a change of incoming voltage
- **Power:** 110 volt or 220 volt power adapter
- **Socket:** Banana plug and 4.0 mm docking snap
- **Price:** \$70.00 each. Call for volume discounts



Static Solutions, Inc.

**Guardian™ Pro- CM-1702- Two wrist straps and two operators**

- **Size:** 3" by 3.75" by 1"
- **Mounting:** Hook/loop and screws
- **Safe limits:** Below 1.2 megohms. Trigger impedance can be adjusted according to the weight or size of the operator.
- **Fail limits:** Over 1.3 megohms
- **Visual alarm:** Red-fail, pass-green
- **Audio alarm:** Piezo buzzer
- **Operation:** Active when the power switch is tuned on ,wrist strap is on the operator and green LED is on. Inactive when power switch turned off, and cord is on the docking snap. The wrist straps are connected to ground automatically even when the equipment is turned off!! Trigger impedance is not affected by change of input voltage.
- **Power:** 110V or 220V
- **Socket:** Banana plug and two 4.0 mm docking snaps
- **Price:** \$115.00- call for volume discounts



**Calibration of above is \$50.00 including a NIST certificate**

**Call for higher volumes and distributor pricing. These monitors work extremely well with Ultimat™ ESD rubber, Ohm-Stat™ WS-1020/1037 patented wrist straps and the Ohm-Stat™ CT-8900/8700 combination testers.**

**Warranty:** Static Solutions, Inc. expressly warrants that for a period of (1) one year from the date of purchase any Static Solutions, Inc. product will be free of defects in materials and will function within its specifications. Within the warranty period, the product will be repaired or replaced at Static Solutions, Inc.'s option with no cost to the customer as long as Static Solutions, Inc. receives notice during the warranty period. Defective products must be shipped prepaid to Static Solutions, Inc.'s factory. Call Static Solutions, Inc. customer service at 508-480-0700 for a return authorization number. Include a copy of the invoice, packing slip, or other proof of purchase.

**Warranty Exclusion:** The foregoing express warranty is made in lieu of other product warranties express and implied, including merchantability and fitness for a particular purpose which are specifically or indirectly disclaimed. The express warranty will not apply to defects or damage due to neglect, misuse, accidents, alterations, operator error, failure to properly maintain, follow instruction, or failure to clean or repair products.

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Please call us at 508.480.0700  
or log on to our website, [www.staticsolutions.com](http://www.staticsolutions.com),  
to find your local distributor.

*For additional OHM-SHIELD™ product literature,  
call or fax Static Solutions Inc. at 508.485.3353, or  
email at [contactus@staticsolutions.com](mailto:contactus@staticsolutions.com).*

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