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## Specifications

ITEM CODE: TMTOOL3  
SIZE: 1" h x 4" w x 2.4" d  
TESTS: WSMONITOR3 Constant Wrist Strap Monitors  
MONITOR TYPE: Impedance - Single Wire  
CIRCUITRY: Wrist Strap: 1.0 Meg (Impedance)  
Mat/Bench: 6.5 Meg (Resistance)  
POWER: None Required.  
ADJUSTMENTS: None Required.

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## Constant Monitor Test Tool

### TMTOOL3

- Verifies the proper operation of WSMONTIOR3 constant wrist strap monitors.



### Introduction

The WSMONITOR series of constant monitors are designed to be adjustment free. Annual calibration is not necessary. However, your quality program may require periodic verification of monitor function. The TMTOOL3 tests the functions of both wrist strap monitoring loops, and the mat monitoring loop.

Constant Monitor testing is accomplished by connecting the TMTOOL3 to the wrist strap and mat connections of the monitor, and pressing the test buttons.



US and Canada **800.356.2728** Fax 800.356.2729  
International 919-774-3808 Fax 919-774-1287  
3010 Lee Avenue Sanford, NC. 27331 USA  
Internet: [www.StaticControl.com](http://www.StaticControl.com) email: [info@staticcontrol.com](mailto:info@staticcontrol.com)

## Connection

Confirm that the constant monitor is properly installed and powered. Unplug the wrist straps from the remote jacks.

Refer to Figure 1.

- (A) Connect the ground lead from the TMTOOL3 to the common ground of the work area.
- (B) Plug the left wrist strap lead into the left remote.
- (C) Plug the Right wrist strap lead into the right remote.
- (D) Fig 2. Unplug the lead connected to the bench/mat jack from the back of the constant monitor. Connect the bench/mat lead from the TMTOOL3 to the monitor.

Both wrist strap monitor lights should be flashing red, and bench light should be green.

## Testing

1. Press and hold the left wrist strap button on the TMTOOL3. The light on the monitor for the left wrist strap should change to green. Release the button. The light should begin flashing red. The alarm should sound and then stop.
  2. Repeat step 1 for the right wrist strap.
  3. Press and hold the mat/bench button. The alarm should sound, bench light on the monitor should flash red. Release the button. The light should turn green and the alarm should stop.
- The constant monitor's function is fully verified if it responds as described. If the monitor fails to function as described, remove it from service.

