

STATICO

Global Supplier of Static Control & Cleanroom Products
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Product Specifications S2771 & S2772 Workstation Monitoring System



Description

The S2771 & S2772 are Constant Monitoring systems for Single Operator/Station or Two-Operator/Station.

Both Systems are Impedance-Base Monitors which are designed to work with Dual Conductor Wrist Straps. NIST Certified.

Syatem Features

- S2771 Monitors Single-Operator Wrist Strap; ESD Mat & Ground Connection.
- S2772 Monitors Wrist Straps of Two Operators; ESD Mats & Ground Connections.
- Both Systems eliminate the common problem of fooling the conventional impedance/Capacitance-Base * monitoring systems, through employing the Loop-Design & Dual Conductor Wrist Straps.
 - * Conventional Impedance/Capacitance-Base Monitors, using Single-Conductor Wrist Straps, can be fooled by Stretching or Squeezing the wrist strap cord.
- Both systems are designed for real-time monitoring of Wrist Strap, ESD Mat & Ground Connection.
- Pass & Fail Status are demonstrated by both Audio & Visual indicators.
- The Dual-Conductor Wrist Strap offers benefit of 2 wrist straps for each user.
- The Dual-Conductor Wrist Strap offers an immediate replacement of a good strap, when one of the conductors lose their properties and goes bad.
- The Monitor gives audio/visual Pass or Fail indication for each conductor of individual wrist straps separately.
- Integrity of Wrist Strap is individually Monitored for each Conductor seperatly, and Pass/Fail status is indicted via Green/Red LEDs & Audio Alarm.
- Audio/Visual Alarm//Indicator when the Ground Connection is lost.

Electrical Specifications

- Operator Resistance Range $R < 6.8 \text{ M}$, +/- 10%
- Ground System Range : $R < 6.8 \text{ M}$, +/- 10%
- Maximum Wrist Strap Voltage 2V DC
- Maximum Wrist Strap Current 1.6 mA DC
- Maximum Mat Voltage 4V DC
- Maximum Mat Current 1.8 mA DC

Mechanical Specifications

- S2771 : 3-1/2" L X 2-1/2" W X 1" H (90mm L X 65mm W X 30 mm H)
- S2772 : 7-1/4" L X 3" W X 1-1/4" H (160mm L X 75mm W X 30mm H)

System Parts

- **S2771 Includes:**

- 1 Each The Monitor
- 1 Each An Adapter
- 1 Each A Connection Cord (Monitor-To-Mat); 81" L (2060mm)
- 1 Each A Remote Connection Cord (Wrist Strap-To-Monitor); 70" (1780mm)
- 2 Each 2" L X1" W (50mm L X 30mm W) Hook & Loop Velcro pcs
- 2 Each Screws
- 1 Each Alligator Clip
- 1 Each a Dual Conductor Wrist Strap with 6' Coil Cord (Also available with 12' Coil Cord).

- **S2772 Includes:**

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- 1 Each An Adapter
- 1 Each A Connection Cord (Monitor-To-Mat); 81" L (2060mm)
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