

Dual Operator Workstation Continuous Monitor with Satellites



**Continuously Monitors
Two Operators and Two
Worksurface**

**5-YEAR
LIMITED
WARRANTY**

**NEW &
IMPROVED
Added
Features
Requested by
Customers**

Features and Benefits:

- Control Unit LEDs indicate proper grounding of two mats and two operators; includes mounting**
 Allows mounting Control Unit at eye level, not using any work surface area; illuminated LEDs continuously display grounding status
- Two Satellite Remote Monitors include monitored wrist strap ground, parking stud, and unmonitored ground for guest or equipment**
 Versatile design allowing placement where desired up to 7 feet from control unit. Red LED will illuminate, but audio alarm not sound when wrist strap coil cord is snapped on parking stud.
- Audio alarm**
 In addition to visual illuminated red LED, audio alarms continuously if wrist strap coil cord inserted in ground and cord not connected to worn wrist band [if not parked]
- Wave Distortion Technology provides real-time monitoring**
 Pays for itself - ensures ESD protected workstation, reducing catastrophic failures and latent defects
- Utilizes reliable wave distortion technology**
 Provides true 100% continuous monitoring. Not pulsed current that's off over 90% of time
- Can use with any brand of single-wire wrist strap and coil cord components.**
 Life-cycle costs of monitor/wrist strap/cord are 66% lower than dual-wire approach
- Miniscule electrical current required to generate waveform**
 No reported case of skin irritation
- Designed for use by 5 foot tall 90**

pound to 6 foot 5 inch 250 pound person

Individual adjustment for each operator is not necessary

- **Superior warranty**
See details of 5 year [Limited Warranty](#)
- **Made in America at our Chino CA facility**
Superior quality
- **Provided with calibration to NIST traceable standards**
Important for users to maintain NIST calibration at their facility
- **Calibration unit available [[See Desco EMIT item 50512](#)]**
Simple and quick means to assure accurate performance and conform with ANSI/ESD S20.20 Paragraph 6.2.2.2. Provides lower calibration life cycle costs.

P/N	Description
19258	AC Adapter, 220 Volt
19260	AC Adapter, 120 Volt
19231	Dual Operator Continuous Monitor - 220 Volt, NIST Calibrated
19230	Dual Operator Continuous Monitor - 120 Volt, NIST Calibrated

Note: Continuous Monitors pay for themselves improving quality, productivity, eliminating wrist strap daily testing and test result logging. Per ESD-S1.1 paragraph 6.1.3 Frequency of Functional Testing "The wrist strap system should be tested daily to ensure proper electrical value. Daily testing may be omitted if constant monitoring is used."

Per ESD Handbook TR 20.20 paragraph 5.3.2.4.4 "Typical test programs recommend that wrist straps that are used daily should be tested daily. However, if the products that are being produced are of such value that knowledge of a continuous, reliable ground is needed, and then continuous monitoring should be considered or even required."

Note: Work surface must have a conductive layer such as Dual Layer Rubber or Dissipative 3 Layer Vinyl or Micastat® Dissipative Laminate with conductive buried layers. Desco Continuous Monitors are not recommended for use with homogeneous matting.

Use with Desco mat types [T2](#), [Z2](#), [O](#), and [CE](#)

Technical Bulletin [TB-3018](#)

West Coast: 3651 Walnut Ave., Chino, CA 91710
Phone: (909) 627-8178 Fax: (909) 627-7449

East Coast: 90 Hudson Road, Canton, MA 02021
Phone: (781) 821-8370 Fax: (781) 575-0172

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