

Jewel® Workstation Continuous Mini Monitor



**Continuously Monitors a Single Operator
and Worksurface in a
Small Package**

**5-YEAR
LIMITED
WARRANTY**

Features and Benefits:

- **Small size - 2.77" x 2.07" (7cm x 5cm)**
Takes up minimal worksurface area
- **Two 10mm studs on bottom of unit**
Permanently snap monitor flush on mat
- **Two 10mm push & clinch sockets included**
Easy installation on mat - no added wires
- **Stand-by parking snap**
Keeps unit from going into alarm when user disconnects cord
- **Available in 5 colors**
Can coordinate with Jewel® Wrist Straps
- **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 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
- **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

- **Made in America**

P/N	Description
19258	AC Adapter, 220 Volt
19260	AC Adapter, 120 Volt
19217	Continuous Monitor, Amethyst, 120 Volt, NIST Calibrated
19216	Continuous Monitor, Emerald, 120 Volt, NIST Calibrated
19215	Continuous Monitor, Topaz, 120 Volt, NIST Calibrated
19214	Continuous Monitor, Ruby, 120 Volt, NIST Calibrated
19212	Continuous Monitor, Sapphire, 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

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