

DESCO 19343 MINI MONITOR - CONTINUOUS MONITOR FOR 1 WORKSTATION



SKU: 131974E



DESCO 19343 MINI MONITOR

Mini Monitor - Continuous monitor for a single ESD safe workstation, equipped with visual alarm, audible alarm and stand-by mode.

It establishes and continuously monitors the path-to-ground integrity of ESD safe wristband and mat (or the wristband alone, by deactivating the mat monitoring circuit).

The high visibility of its **illuminated housing** ensures that any malfunctions are immediately noticed by the operator and supervisor: a **green** light indicates proper grounding, a **red** light accompanied by an **audible alarm** indicates an intermittent or failed connection, a **blue** light indicates the stand-by mode.

Desco product no.: **19343**.

PLEASE NOTE: The video shows a Banana wristband connection, while the 19343 model is supplied with a Banana to Snap adapter (Male, 10 mm).



Specifications

- **Grounds and monitors the benchtop mat without additional cables**, thanks to its convenient **screw fixing** system
- A switch allows to deactivate the mat monitoring, in case your workstation doesn't have one
- **Park Delay switch and ParkSnap™ connection** - System that allows you to **put the Mini Monitor into stand-by mode when you leave the workstation**, without triggering the alarm: after touching the Park Delay switch (**B**), the operator has 8 seconds to detach the connection cable from his wrist strap and connect it directly to the Mini Monitor via the ParkSnap™ connection (**E**), "parking" it temporarily
- Alarm reaction speed: < 50 milliseconds
- Audible alarm adjustment: sets the audible alarm volume from loud to louder
- **Wave Distorsion Technology**: provides stable continuous monitoring (versus pulsed or intermittent) of the wristband's path-to-ground and the presence of its 1 megohm safety resistor
- 1.2 V Operator test voltage: reduces the risk of electrical overstress (EOS) for the handling of sensitive components
- Compliant with ANSI/ESD S20.20 and ESD TR1.0-01-0 regulations
- NIST calibration - National Institute of Standards and Technology (USA) - The certificate is downloadable directly from the Desco Europe website by entering your device's model and serial no. - Certificate consists of: model, serial no., calibration date, technician's signature. It does not include any other data. It is not a MIL/ANSI calibration and it does not refer to any other standards.

Feature legend (see the "Features and Components" box in image gallery):

- **A)** Connect here the power adapter supplied
- **B)** Park Delay switch - It starts an 8-second timer: during this time you can disconnect the wristband cable without activated the alarm
- **C)** Operator Led (Green= PASS, Red = FAIL, Blue = STAND BY)
- **D)** Mat LED (Green= PASS, Red = FAIL, Blue = STAND BY)
- **E)** ParkSnap™ connection (Male, 10 mm) - "Park" here your wristband cord to put the system into stand-by mode
- **F)** Operator connection (Banana) - Connect here your wristband, directly or via the Banana to Snap adapter supplied
- **G)** Turn On/Off audio settings and mat monitoring
- **H)** Threaded ground terminal: connects the worksurface mat to the electrical ground
- **I)** Threaded worksurface monitor terminal: verifies that the worksurface's path-to-ground is less than 10 megaOhms.

Scope of supply: 19343 Mini Monitor with ParkSnap™ (Male 10 mm), Banana to Snap adapter (Male, 10 mm) for wristband connection, 2 x Countersunk washer, 2 x Flat head screw (6-32 x 3/8"), Power supply adapter 100-240 Vac with IEC C14 inlet (9 VDC).

ATTENTION: 220 V POWER CABLE NOT INCLUDED

Services and accessories available on request: 19344 Circular magnets for mounting without fixing screws (for workstations without mat), Power cable (200220 Europe, 200225 UK), Calibration service.