



ESD Workstation Mat Kit WSK002 Specifications

A. 5300 Series Static Dissipative 2-Ply Rubber Mat

SPECIFICATIONS:

Standards: Meets ANSI / ESD-S20.

<u>Physical Properties</u>	<u>Test Methods</u>	<u>Units</u>	<u>Typical Value</u>
Thickness	ASTM D2103	inches	.080
Tensile Strength-Top Layer	ASTM D412	kg./sq.cm	>120
Tensile Strength-Bottom Layer	ASTM D412	kg./sq.cm	>160
Tear Strength-Top Layer	ASTM D412	kg/cm	>90
Tear Strength-Bottom Layer	ASTM D412	kg/cm	>100
Elongation-Top Layer	ASTM D412	%	350
Elongation-Bottom Layer	ASTM D412	%	250
Hardness-Top Layer	ASTM D2240	-	50
Hardness-Bottom Layer	ASTM D2240	-	60
Gravity-Top Layer	ASTM D792	-	1.3
Gravity-Bottom Layer	ASTM D792	-	1.4

<u>Electrical Properties</u>	<u>Test Methods</u>	<u>Units</u>	<u>Typical Value</u>
Surface Resistivity-Top Layer	ASTM D257	ohms/sq.	<10E9
Surface Resistivity-Bottom Layer	ASTM D491	ohms/sq.	<10E5
Volume Resistivity-Top Layer	ASTM D257	ohms/sq	<10E8
Volume Resistivity-Bottom Layer	ASTM D257	ohms/sq.	<10E4
Static Decay	EIA-541	sec.	<0.01
Temperature Tolerance:	500 Degrees for 10 minutes		

The information provided is the best currently available and has been obtained by prevailing test methods. It is true and accurate to the best of our knowledge at this time. The information provided as guidelines, should not be considered as specifications and is subject to revision as additional knowledge and experience on this product are gained.



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B. 240-006 Series Adjustable Anti-Static Wrist Strap

SPECIFICATIONS:

Meets or exceeds requirements of ANSI / ESD-S20.20 and ESDA Standard 1.1-2006

The soft, blue woven fabric and curved buckle allows the skin to breathe and makes it very comfortable to wear. The 240-000 used hypoallergenic silver-plated nylon thread for conductivity and has a maximum resistance of 160 ohms.

Wrist Band:

Fabric:	Polyester with silver-plated nylon
Resistance:	100 ohms typical
Contact:	360 degrees around wrist
Color:	Blue
Snap:	4, 7 and 10mm
Snap Release:	1 – 5 pounds
Back Plate:	Stainless Steel Band, 4mm

Coil Cord:

Length:	6 feet
Resistor:	1 meg ohm
Flex Life:	50,000 flexes
Color:	Black
Banana:	Swivel type

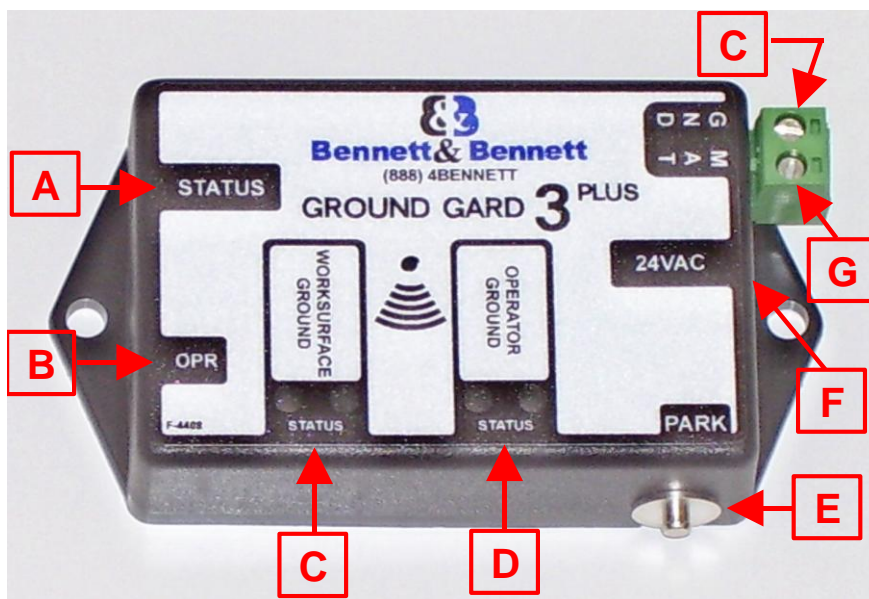


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C. WSM-GG3 Common Point Grounding System Continuous Monitor

SPECIFICATIONS:

Leading companies use continuous monitors as a cost effective component in satisfying the paragraph 6.1.3 Compliance Verification Plan requirements of ANSI/ESD S20.20. The WSM-GG3 Work Station Monitor continuously monitors the integrity of one operator. This monitor will provide virtually instantaneous notification of static control equipment failures, eliminating the need for periodic testing and costly record keeping.



A. Status LEDs: When the green LED is lit, the operator is properly grounded. When the red LED is lit, the operator is not properly grounded.

B. Monitored Operator Jack: Where the operator inserts the wrist cord banana plug.

C. Worksurface Ground LEDs: When the green LED is lit, the work surface mat is properly ground. When the red LED is lit, the work surface mat is not properly grounded.

D. Operator Ground LEDs: When the green LED is lit, the operator is properly grounded. When the red LED is lit, the operator is not properly grounded.



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E. 4mm Parking Snap: When touched by the operator, this snap will deactivate the alarm for six seconds. This allows time for the operator to disconnect the coil cord from the wrist band and park it on this snap. While parked, the coil cord disables the alarm, allowing the operator to leave the workstation. The OPERATOR GROUND LED will remain off while the cord is parked. Upon returning and removing the coil cord from the parking snap, the operator has six seconds to hook up to the wrist band before the alarm sounds.

F. 24 VAC Power Jack: Connect the power adapter here.

G. Mat Connection: Monitors worksurface mat.

H. Mat Ground: Grounds worksurface mat.