

3M SHOE GROUNDING ASSEMBLIES

3M™ Shoe Grounding Assemblies effectively ground mobile personnel when they are in contact with conductive and dissipative flooring. The function of foot and heel straps depends upon foot perspiration in the shoe to sustain electrical contact between the strap and the body. One size fits most shoes and boots, with comfortable elastic straps.



HEEL-GROUNDING ASSEMBLY

3M™ 2051 Heel Grounding Assemblies have a conductive, non-slip outer sole providing reliable static grounding. Cup-style construction provides durability. Comes complete with a 1-megohm resistor.

Cat. No.	Net Price
2051	\$9.09

3M™ ECONOMY HEEL GROUNDING ASSEMBLY

3M™ 2044 Economy Heel Grounding Assemblies feature the cup-style construction of our 2051, but at a very attractive price. The "yellow glow" fabric is a high visibility colour, allowing supervisors to easily see that employees are wearing their heel grounders. Comes complete with a 1-megohm resistor.

Cat. No.	Net Price
2044	\$4.96

NON-MARKING HEEL GROUNDING ASSEMBLY

3M™ 2056 Heel Grounding Assemblies have a non-marking, conductive, carbon-free, non-slip outer layer providing reliable static grounding, while the inner layer provides a non-marking surface for the shoe.

Cat. No.	Net Price
2056	\$12.07

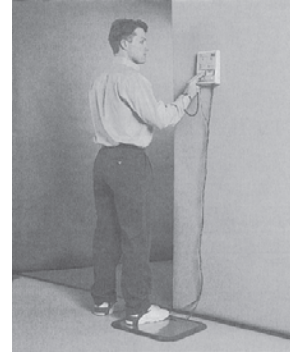


DISPOSABLE SHOE GROUNDING STRAP

3M™ 2045 Disposable Shoe Grounding Straps provide a reliable path for static charge drain to ground when personnel are wearing shoes with insulated soles. The 2045 is especially desirable in work situations where personnel must move around—wave soldering, automatic insertion, or operation of sensitive computerized equipment. To be effective, the shoe grounders must be worn on both feet.

Cat. No.	Net Price Per Box of 100
2045	\$43.90

3M WRIST STRAP AND FOOTWEAR TEST EQUIPMENT



WRIST STRAP TESTER

The 3M™ 740 Wrist Strap and Footwear Tester is an AC-powered unit designed to be wall mounted in a production facility for daily testing of employees' static control wrist straps. Use of the optional 3M™ 741 Shoe Electrode test plate allows the 740 to be used as a footwear tester as well. Simple to operate, the 3M™ 740 has several useful features and options:

- Red and green LEDs give a clear "go" or "no go" indication.
- The user can select any of four different resistance levels.
- The unit tests the wrist strap and cord while they are being worn, and can also test each component independently to isolate an indicated fault.

There is also a digital output that can be used to interface with a computer, automatic door lock, alarm, or other control device. The 741 Electrode is not included with the 740 and must be ordered separately.

Cat. No.	Description	Net Price
740	Wrist Strap and Footwear Tester	\$513.44
741	Shoe Electrode (sold separately)	132.78

NOTE: 740 includes base unit, output connector, 3M™ DualLock™ wall mounting system, AC/DC transformer and a cover for the plug-in jack.



PORTABLE WRIST STRAP TESTER

The 3M™ 746 Wrist Strap Tester can be used to test wrist straps in a variety of situations, from daily testing in a production facility to periodic testing at remote sites or field service locations. The 746 is supplied with an AC adapter, but it also contains a long-life lithium battery as back-up power for portable applications or during power failures. As with other 3M™ test equipment, the 746 is easy to use. It can test the entire wrist strap system while it is being worn, or it can test the individual components to isolate a fault condition.

Cat. No.	Description	Net Price
746	Includes an AC adapter, lithium battery, and wall-mounting kit.	\$242.02

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WORKSURFACE CLEANING PRODUCTS

3M™ 8001 Cleaner for static control mats is an extra-strength fluid for removing dirt and stains from all types of static control surfaces, such as table mats, floor mats, hard-laminate benchtops, portable field-serve kit work surfaces, etc. It is a clean, colourless, water-based liquid, which leaves no tacky or corrosive residue and has a fresh, clean scent.

Cat. No.	Description	Net Price
8001	32oz. trigger-spray bottle	\$5.76



TEST KIT FOR STATIC CONTROL SURFACES

The 3M™ 701 Test Kit contains a lightweight, user-friendly megohmmeter plus all of the components needed to make testing mats and other surfaces simple and accurate. The 701 is compatible with ANSI/ESD Standard 4.1, ANSI/ESD Standard 7.1, and MIL-PRF-87893, for auditing purposes. The meter has separate scales and test settings for measuring surface-to-ground and surface-to-surface resistance at two prescribed test voltages (10V and 100V), and system continuity. The scales are colour-coded and numbered, and are very easy to read. **Kit Contents:** 1 megohmmeter, 2 test weights, 2 test leads, 1 insulated bulldog clip, 1 alligator clip, 1 continuity test plate, 2 batteries, 1 operators manual, and 1 foam-lined molded carrying case.

Cat. No.	Net Price
701	\$830.35

3M IONIZERS

The use of ionized air in electronics work environments eliminates the build-up of potentially damaging static charges. Air ionizers are the best method of neutralizing static charge on nonconductive materials. 3M™ offers a wide variety of ionizers, from hand-held ionized air guns to overhead units.



BENCHTOP AIR IONIZERS

3M™ 963 Series Benchtop Air Ionizers are mid-size units capable of producing extremely large amounts of ions, blanketing the benchtop with ionized air to help prevent static. The 963 operates using AC120V power and the 963E with DC24V power (transformer included). **Dimensions (with base):** 9.0"H x 7.0"W x 4.0"D.

Cat. No.	Net Price
963	\$512.04



MINI AIR IONIZERS

The 3M™ 960 Mini Air Ionizer responds to the industry's need for a small, versatile balanced-flow ionizer for equipment or local area ionization. The 960 runs off low-voltage AC24V power, which can be supplied by the 960X Wall Transformer (sold separately). **Dimensions:** 3.2"H x 2.6"W x 1.9"D.

Cat. No.	Description	Net Price
960	Mini air ionizer	\$477.32
960X	Power supply (up to 4 units)	52.08



IONIZED AIR GUN

The 3M™ 980 Ionized Air Gun is an excellent tool for blowing particulate contamination off any surface. It releases a balanced stream of compressed ionized air and patented technology ensures balanced ionization. The 980 never needs adjustment and requires very little maintenance. The console, gun, and air hose are all made of static dissipative, ESD-safe materials. Weight: 12 oz.

Cat. No.	Description	Net Price
980	Air gun, flexible hose, and monitor	\$1039.37



OVERHEAD AIR IONIZERS

The 3M™ 990 Overhead Air Ionizer guarantees consistent static control coverage of an individual workstation by bathing a typical work area (2' x 3') in ionized air. Using an overhead mounting system, the 990 is unobtrusive and does not compromise valuable space on the workbench. The 990 is built using Steady-State DC ionizing technology that guarantees intrinsically balanced ionization. Red LED power supply indicator communicates system failure. The 990 is ideal for areas where bench space is limited. **Dimensions:** 4.0"H x 6.0"W x 36.0"L.

Cat. No.	Net Price
990	\$1041.46

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