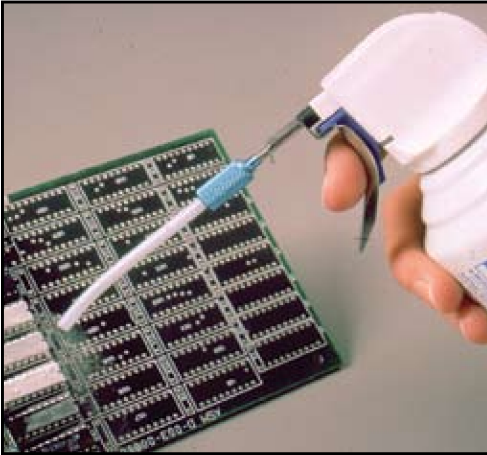


StatZAP™ ESD Eliminator

Plug the ESD Loophole in Your Benchtop Cleaning Program



- **Sturdy Construction for Long Service Life**
- **Easily Fits into Your Current ESD Program**
- **Simple to Use, No Training Required**
- **Eliminates >99% of Aerosol ESD Voltages**
- **Features Unique CoronaTip™ Control**
- **Highly Affordable**

making it easy to spray accurately. A unique safety feature is the removable ShockShield™ insulating sheath. It extends beyond the tip of the StatZAP and prevents the StatZAP from touching an energized circuit, which might harm the board or the operator.

An important feature is found at the tip of the StatZAP. The tapered shape of the “CoronaTip™” generates an ionized triboelectric field that radiates as much as ten inches from the tip. This neutralizes ESD charges within that field. No other aerosol static control device uses this phenomenon to improve ESD control.

Other Benefits

The StatZAP system is chemistry-independent and is not topical. This avoids the inconsistencies found in topical systems that require conductive additives or expensive control systems. Companies also eliminate the expense of stocking duplicate inventories of similar solvents and sprays. The StatZAP does not impair solvent performance.

Packaging

StatZAP™ ESD Eliminator

MCC-ZAP

Related Products

The StatZAP is most often used on MicroCare Freeze spray and canned air products, such as Micro-Blast™ canned air and Micro-Freeze circuit chiller. When the application permits it, MicroCare strongly recommends the Trigger Grip™ dispenser, #MCC-ESD, with aerosol cleaners because it speeds cleaning and reduces solvent waste. Contact MicroCare for more details on the technical issues.

Product Notes

IMPORTANT SAFETY TIP: Wrapped around the tip of the StatZAP is a unique safety feature: the ShockShield™ insulating sheath. It extends slightly beyond the tip of the StatZAP and prevents the StatZAP from touching an energized circuit, which might cause a short circuit or harm the operator. To avoid injury, DO NOT remove the ShockShield sheath.

COMPATIBILITY: The StatZAP™ fits most MicroCare aerosols, any MicroCare freeze spray, and any “canned air” product with a “Z” suffix (#MCC-DSTZ, #MCC-AIRZ). The StatZAP does not fit pump spray products, TravelSAFE products, nor FiberCare™ cleaners. The StatZAP should fit any aerosol can equipped with an “Accu-Sol” style valve on top of the can, but not aerosols using push-button spray nozzles.

AVAILABILITY: This product is available from MicroCare distributors world-wide. Contact your local distributor at “www.MicroCare.com” for details on availability and shipping.

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General Information

The StatZAP™ ESD Eliminator is a patented tool designed to dissipate the ESD charges created by all aerosol products. Important features of the StatZap include:

- Proven reduction of ESD voltages by 99%;
- Noncorrosive stainless steel construction for years of life;
- Chemistry-independent performance saves expensive solvent sprays;
- Easy-to-use and easy-to-enforce ESD control at about one-tenth the price of competing technologies.

About the Product

In aerosol sprays, friction is generated as liquids race through the plastic tubes of the spray can. This creates powerful electrostatic charges (ESD) of up to 12,000 volts; ESD voltages as low as 150 volts can cause ESD damage. The StatZAP ESD Eliminator continuously drains these charges, usually to lower than 50 volts, and dissipates them before they reach dangerous levels. It fits most MicroCare cans and many from other vendors, as well.

The design is simple. The operator must be grounded via an approved ESD device, and a StatZAP must be attached to the aerosol spray. By maintaining direct contact with the StatZAP trigger, the user becomes part of the grounding circuit and ESD charges are carried away, through the user to ground.

Technicians like the convenience of the StatZAP. The comfortable knurled grip and the extra-long trigger activator minimize the potential for repetitive motion injuries. The angled tip can be rotated upward,



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