

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/reusable

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

Product Information

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, 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.

Discover Perfectly Clean www.MicroCare.com

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Packaging

StatZAP™ ESD Eliminator	MCC-ZAP
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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.