

# The Secret To Ending Your Static Problems

**EXAIR**®

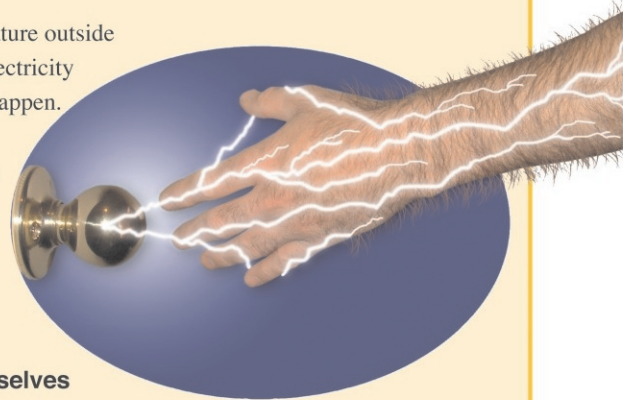
## Prevent Shocks, Jamming, Tearing and Static Cling!

### Super Ion Air Knife

The Super Ion Air Knife™ produces a laminar sheet of airflow that floods an area or surface with static eliminating ions. The shockless design requires only 2 SCFM of compressed air per foot of length at 5 PSIG.

- 50 dBA for most applications
- Effective from 1 inch to 20 feet
- Compact, rugged, easy to

One thing is certain - when the temperature outside drops and humidity plummets, static electricity problems are sure to make bad things happen. A static discharge can be painful, not only to the person who gets zapped but to those who have to deal with the associated production headaches. You can expect:



- Materials to tear, jam or curl
- Webs and films to cling to themselves
- Electronic sensors to fail, making false readings
- Dust attraction to ruin surface finishes
- Product clinging to itself, rollers, machine beds
- Hazardous sparks or shocks

Charged conductors (like metals) discharge completely when grounded. Insulators (like plastics) don't conduct. Grounding machinery by using carbon brushes or by installing grounded tinsel will have little effect on these surfaces.

### Ion Air Cannon

EXAIR's Ion Air Cannon is ideal for those hard to reach spaces or confined areas that require a concentrated flow of static eliminating ions.

- Cleans and neutralizes static electricity at distances up to 15 feet (4.6m)
- Rapid static decay with low air consumption

EXAIR manufactures a complete line of static eliminators to remedy common static problems. For applications involving high speeds, large surfaces or complex geometries, the best choice is our **Super Ion Air Knife** with its curtain of laminar airflow. It provides the best performance of all ionizers and is **effective up to 20 feet away**. Other styles include the Ion Air Cannon, Ion Air Gun, and Ion Air Jet. All use our engineered airflow products to minimize air use and noise while delivering maximum results by moving more static eliminating ions to the product surface.


We understand there are applications where airflow might disturb the product. For these cases, **EXAIR's Ionizing Bars and Ionizing Point don't require airflow and can neutralize the charge when mounted within a couple of inches of the surface.**

### Ion Air Gun

EXAIR's Ion Air Gun removes static, contaminants, and dust from three-dimensional parts prior to assembly, packaging, painting or finishing.

- Fast static decay rates with low compressed air consumption
- Effectively eliminates static at distances up to 15 feet

All Power Supplies are UL Listed to U.S. and Canadian safety standards. 

All Static Control Products are UL Component Recognized to U.S. and Canadian safety standards. 

### Ion Air Jet

EXAIR's Ion Air Jet delivers a concentrated airflow that can cover a precise spot without disturbing other areas.

- Combines fast static decay rates with high cleaning ability
- The ideal way to remove static and dust from small parts

### Ionizing Bar

EXAIR Ionizing Bars eliminate static cling on paper, film and plastics that can attract dust and foreign materials, ruin product appearance, produce tears or jamming, and zap personnel.

- Many lengths available from stock
- Compact, rugged design for industrial use

### Ionizing Point

EXAIR's Ionizing Point is a compact, single point ionizer ideal for winding, rewinding or slitting operations.

- High concentration of positive and negative ions for fast static decay
- Can be mounted through a duct to neutralize static charges due to moving air or materials

### Can't Find the Source of the Static?

EXAIR's Model 7905 Digital Static Meter allows easy one-hand static measurements for locating the source and severity of your static problem. Sensitive and responsive, it indicates the surface voltage and polarity on objects up to ±20 kV when measured one inch (25mm) away. It features a push button "hold" for readings and has an automatic "power off". It comes complete with a hard-shell case and calibration certificate traceable to NIST (National Institute Of Standards And Technology).



If you would like to discuss an application, contact:

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