In the presence of static electricity, materials can stick to or repel each other and dust or contaminates can attract to equipment surfaces and products. This static causes interrupted production, slowed production speeds, decreased product quality, increased rejects, and personnel may experience electrostatic shock.

TAKK static elimination products are designed and engineered to handle your toughest and most costly static electricity problems in the widest possible variety of industrial applications:

- Converting
- Packaging
- Textiles
- Plastics
- Printing
- Painting & Finishing
- Electronics
- General Manufacturing

Benefits of TAKK static elimination products:

- Operate machines at higher speeds with fewer malfunctions
- Process materials more efficiently with fewer rejects and less waste
- Prevent soiling and contamination of products by dust particles
- Protect machine operators from shocks or more serious injury
- Significantly improve product quality

Types of TAKK static control products:

- Static Eliminator Bars
- Anti-Static Blowers, Precision Point and In-line Ionizers
- Static Generators, Charging Bars & Static Pinners
- Measuring & Monitoring Devices
- Passive (no power needed) Static Neutralizers
IonStorm XR2 (Model 300)
Pulsed DC extended range system
- Features the XR2 Bar & 3750 Controller
- Projects a powerful static elimination field from a distance up to 36” from target surface
- Maximum effectiveness at the highest production speeds and under confined conditions
- Low profile XR2 Bars are available in 10” to 110” lengths in ten inch increments
- Controller’s settings allow adjustment of voltage, frequency and polarity to match the exact level of static elimination needed

IonStorm XR2 Single Point
- Precise static control in confined areas

Ion-Edge (Model 400T)
Medium range AC bar
- Effective 7” or more from target surfaces
- Eliminates high charge static at production speeds of 2000 feet or more
- Compact unit
- Features resistively coupled, stay-sharp stainless steel emitters
- Compatible with most power supplies from 4 to 8 kilovolts
- Standard and custom lengths 2” to 156” in one inch increments

Ion-Edge with Air Bar
- Compressed air tube extends the effective static elimination range up to 8 feet
- Part and surface blow-off eliminates dirt and dust contamination

Model 200 Series
AC bar in two models
- Effective 1” to 3” from target surface
- Single Scan model combining low cost with high performance
- Wide Scan model with the power of two-bars-in-one
- Available in effective lengths 3” to 120” in one inch increments
- May be installed parallel or in bar-to-bar series to a single power supply; limited to 100’ of combined bar length and 125’ of combined cable length

Ion-Jet Super Air-Knife
Static elimination plus blowoff
- Offers multiple benefits of static elimination and high velocity air cleaning and prepping of equipment and parts
- Coupled with the Model 400T AC Bar to produce a powerful ionization field that is distributed in a large jet stream of concentrated air
- Amplification ratios are 40:1
- Air savings of 40% to 90% over homemade tubes/pipes
- Available in 6” to 54” lengths in six inch increments
- Compressed air supply needed

IonBlast Model 5815 Blow-off Gun
Static-free clean work environment
- Heavy duty shockless ionized air gun
- Eliminates positive and negative static electricity from equipment and parts and removes dust and contaminants
- Quiet unit consists of a stainless steel ionization head and guard, with an air nozzle mounted on a rugged plastic airgun handle
- Uses TAKK Model 2000S power supply
- Compressed air supply needed

Model 5860 In-Line System
Compact compressed airline eliminator
- Use where ionization of an existing compressed airline is desired or in pneumatically operated systems
- Simply cut into the air line and insert the nozzle close to the discharge end of the line
- Air connector on the nozzle is 1/4 BSP; connector for 10 mm ID flexible pipe
- Uses TAKK Model 2000S power supply
- Constructed of stainless steel and nylon components, with PVC barbed fittings
- Compressed air supply needed
Ionix™ In-Line Static Eliminator
*Pays for itself with the first downtime prevented*
- Install in the feeder airline of any press, bindery or packaging operation—and instantly eliminate static electricity
- No electrical power or maintenance is needed
- Makes the air in the line electrostatically dissipative, thus neutralizing static on work surfaces and parts
- Engineered for high performance
- Warranted for six months; replacement is recommended after one year

Vortex
*AC blower engulfs static surfaces*
- Generates and projects an extra wide (18” x 18”) and long range (10 feet plus) ionization field that surrounds static laden surfaces
- Economic, quiet and free of emission hazards
- Ready to plug into AC power source
- Air velocity is created by a centrifugal blower; no compressed air source is needed
- Fan has variable, controllable speed and volume
- Requires power supply

Model 5851 Precision Point
*Precision elimination from small objects*
- Eliminates static from small targets such as yarn, trim, tapes, narrow webs, etc.
- Resistively coupled design produces high volume ionization
- Eliminates high static charges in a range up to 3” from target surface even at high production speeds
- Durable stainless steel with nylon cable guard

Model 5854 Precision Point
*Ionizing Air Nozzle*
- Combines extended range (up to 6”) static elimination with compressed air removal of dust and contaminants
- Excellent for small targets such as yarn, trim, tapes, narrow webs, etc.
- Durable stainless steel with nylon cable guard
- Compressed air supply needed

Jupiter Model 3100
*Advanced long range static control system*
- Intelligent ionization technology provides unrivaled static neutralization performance at distances up to 60”
- All control and high voltage parts are internal and encapsulated for reliability and safety
- Very fast static decay performance
- Replaceable titanium emitters maintain optimal performance
- Shockless operation
- Available in 24”, 30”, 40”, 50”, 60”, 70” lengths
- Powered by 24V DC power supply provided or user power supply

Curtain-Air
*AC blower for wide & deep ionization*
- Projects an extra wide and deep field of static elimination
- Long range ionization of 8 feet or more with an enveloping “curtain” of ionization from 14” to 64” wide (depending on the model length)
- Models are available in lengths 20” to 70” in ten inch increments and can be combined
- No compressed air is necessary
- Plug-in unit is self-contained, including controls and blower

Model 5854 Precision Point
*Ionizing Air Nozzle*
- Combines extended range (up to 6”) static elimination with compressed air removal of dust and contaminants
- Excellent for small targets such as yarn, trim, tapes, narrow webs, etc.
- Durable stainless steel with nylon cable guard
- Compressed air supply needed

Static electricity can decrease productivity and erode profits.
*We have solutions. Ask our experts.*
Passive Static Eliminators

**Anti-Static 100% Copper Tinsel**
- Most effective, low cost, low maintenance passive static eliminator
- Copper wire core ensures positive grounding and strength
- Fine, sharply pointed copper strands provide greater static elimination
- Self-energizing (no power needed)
- Does not spark or cause sparks and can be used in hazardous conditions
- Effectiveness increases as static does
- Available in 1.25” diameter x 72 feet boxes or 504 feet bulk spools

**Anti-Static FlexCord**
- Constructed of highly conductive Thunderon® fiber
- Uses thousands of conductive micro points to eliminate static
- Self-energizing (no power needed)
- Does not spark or cause sparks and can be used in hazardous conditions
- Strong, lightweight, non-shedding
- Available in 32.5’ rolls
- Stretches to 100% its length

**Anti-Static Copper Tinsel Bars**
- Combines tinsel’s low cost static elimination with the advantages of rigid bar mounting
- Replaceable tinsel insert mounted in a lightweight anodized aluminum holder
- Rigid bar allows precise positioning
- Self-energizing (no power needed)
- Does not spark or cause sparks and can be used in hazardous conditions
- Available in specified lengths 6” to 96” in one inch increments
- Easy to install even in tight locations

**Anti-Static Nylon Fiber Brushes**
- Eliminate static in a variety of industrial processing and business machines
- Conductive nylon fibers mounted in an anodized aluminum holder
- Self-energizing (no power needed)
- Can be used in hazardous conditions
- Available in lengths of 6” to 60” in six inch increments

**Anti-Static Spray**
- Eliminates negative and positive static electricity at the press of a button
- Available in large 14 oz. aerosol cans
- Can be used virtually anywhere static is generated and creates problems—feeder boards, machine guides, rollers, knife blades, converting belts, carpets, etc.

Static Generators

**Model 9195 Neon Bar Checker**
- Quick method of checking proper function of elimination bars
- Displays a neon light signal to indicate each bar emitter is performing properly
- Use with shockless or "hot" eliminators

**Model 5740 Static Meter**
- Handheld LED static meter is the leader in its class for analysis of static problems
- Quickly registers positive and negative static charges of up to 200,000 volts, 100 volt resolution, on surfaces at a distance of 4”
- Detects where and how static is generated, plus the magnitude and polarity

**Static Generators, Charging Bars & Pinners**
- Low cost means of temporary adhesion and pinning through the bonding force of static
- Effective, simple, non-marking, clean
- Generators available in negative and positive output voltage
- Bond similar or dissimilar materials and hold materials in place and eliminate air pockets and wrinkles
- Prevent plastic films from wandering on rewinders or shrinking on cooling cylinders

Metering Devices

**Model 5740 Static Meter**
- Handheld LED static meter is the leader in its class for analysis of static problems
- Quickly registers positive and negative static charges of up to 200,000 volts, 100 volt resolution, on surfaces at a distance of 4”
- Detects where and how static is generated, plus the magnitude and polarity

**Model 9195 Neon Bar Checker**
- Quick method of checking proper function of elimination bars
- Displays a neon light signal to indicate each bar emitter is performing properly
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