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
- Textiles
- Printing
- Electronics
- Packaging
- Plastics
- Painting & Finishing
- 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

2 year warranty
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 3024 Series
High Speed and Long Range versions
- Powerful static neutralization meets the requirements of high performance machinery
- Compact unit with built-in electronics
- Integrated high voltage power supply, requires only a low voltage 24V DC input
- Shockless, resistively coupled emitters made in tungsten for unlimited life
- Built-in remote monitor for operational status

Model 3024-F
- High speed version for speeds up to 1000m/min (3280ft/min) and distances from 25mm to 100mm (.98” - 2.36”)

Jupiter Model 3100
Advanced long range static control system
- Intelligent ionization technology provides unrivalled 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

Model 3024-F
- Long range version for distances from 100mm to 500mm (3.94” to 19.69”)

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

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

Model 5851 Precision Point

- 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

- Same precision elimination as above with compressed air
- Combines extended range (up to 6") static elimination with compressed air removal of dust and contaminants
- Compressed air supply needed

Model 5860 In-Line System

- 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

IonBlast Model 5815 Blow-off Gun

- 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

Static Generation

Static Generators, Charging Bars, Pinners & Edgers

- Low cost means of temporary adhesion and pinning through the bonding force of static
- Effective, simple, non-marking, clean
- Bond similar or dissimilar materials, hold materials in place, eliminate air pockets and wrinkles
- Prevent plastic films from wandering on rewinders or shrinking on cooling cylinders

Generators

- Generators available in negative or positive output voltage and in AC or DC models
- Uses solid state electronics and high frequency switching technology for stability and reliability

Charging Bars

- Can be ordered up to 156" lengths in one inch increments
- Standard lengths: 6", 12", 18", 24" and 36"

Pinners & Edgers

- For electrostatic charging of small areas and pinning
- "neck-in" applications on cast film lines, edge pinning of films, in-mold labeling
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 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 Spray
- Eliminates static at the press of a button
- Large 14 oz. aerosol can
- Use on feeder boards, machine guides, rollers, knife blades, carpets, etc

Measuring & Monitoring

Multi-Point Fieldmeter & Alarm System
- Full-time, plant-wide automatic defense against undetected static buildup
- 4 channel Static Monitor detects static levels in as many as four locations up to 1000 feet away
- Simple Windows® GUI interface for set up and control
- Built in, fully configurable dual level alarms programmable via front panel, PC or PLC

Portable Electrostatic Fieldmeter
- Monitor charge buildup on webs during lamination, coating, manufacturing, printing
- Battery or line operation; AC power module
- Remote probe for easy monitoring of hard-to-reach locations up to 1000 feet
- Chopper stabilizer for accurate measurements in ionized environments
- Recorder output for unattended monitoring

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
- Quickly check static bars for proper function
- Neon light signals to indicate each bar emitter is performing properly
- Use with shockless or "hot" eliminators