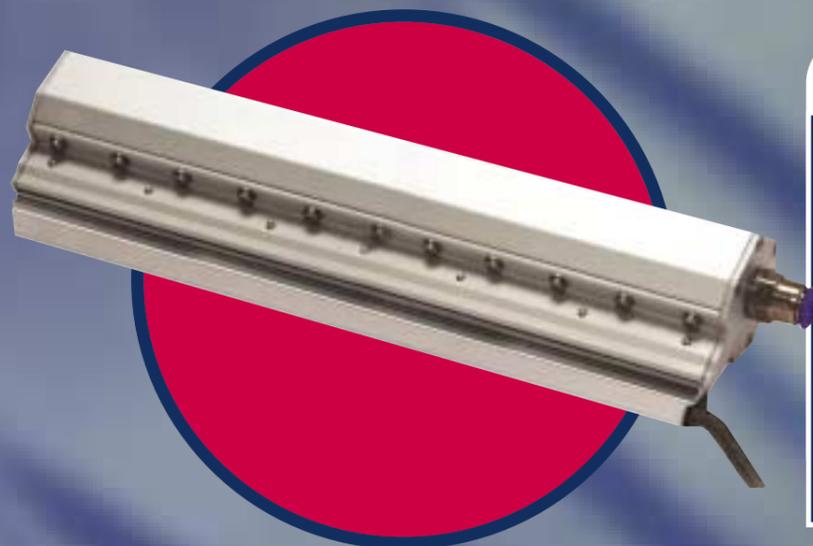


Static Control: Ionising Air Knife

Long distance static eliminator prevents jams, mis-feeds, poor stacking, dust attraction and harmful shocks!



APPLICATIONS

- Printing Equipment
- Pre-paint Dust Removal
- Surface Cleaning
- Food Processing
- Package Cleaning
- Parts, Sheet and Web Cleaning
- Debris Removal
- Electronics Cleaning - e.g. PC board
- Contamination Control
- Injection Moulding

The AK3200 Ionising Air Knife is an efficient method of removing static from large and small product surfaces or equipment that need cleaning or neutralizing such as plastics, sheets, webs and parts.

The AK3200 is a high performance Air Knife with an ionising bar attached to its lower surface. Combinations of positive and negative ions from the ionising bar are carried by the Air Knife to deliver a curtain of ionised air over long distances.

The ionised air eliminates jamming of machinery, and prevents tearing, dust attraction and harmful shocks. The AK3200 utilises innovative technology and is designed to give highest performance, by delivering high pressure, low noise and low volume ionised air consumption.

Compressed air is used to establish a flow straightening technology which provides an exceptionally laminar sheet of air that clears product surfaces or equipment of static particles.

FEATURES OF THE IONISING AIR KNIFE

Compressed air inlets are provided on each end of the AK3200

Primary air does not impact any surface of the Ionising Air Knife which keeps the sound level low

Closed inner bar protects emitter points to eliminate potential dirt accumulation that could degrade performance or eventually short the ionising bar

Contains no moving parts so the AK3200 is maintenance free

Manufactured from extruded, anodised aluminium and comes complete with quick fit hose connector

The power cable is shielded and has integral grounding.
The spring loaded connector is fully assembled and ready to use.

BR2200 RECTANGLE STATIC BAR- TECHNICAL DATA



Rectangular:	.75" x .875"
Overall/Effective length:	80mm-1200mm
Ionising point spacing:	.75" on ctr
Optimum Range:	.75" to 3"
Mounting:	Adjustable rear mounting studs 8-32 x 5"
Certification:	CE, UL and CUL
High Voltage cable:	25KVDC, 105C, UL VW-1. Standard length 72" alpha shielded cable. Terminated in a factory installed spring-loaded connector to mate with TSN70 or comparable power supply.

Ionising Air Knife kits include all components necessary for operation, BR2200 Rectangular Ionising Bar and TSN70 Static Neutralising Power Supply.

AK3200 STANDARD LENGTHS

- 80 mm
- 150 mm
- 300 mm
- 450 mm
- 600 mm
- 750 mm
- 900 mm
- 1000 mm
- 1200 mm

The AK3200 Ionising Air Knife is available in any length up to 2m long.

TSN70: STATIC NEUTRALISING POWER SUPPLY 7.0KV - TECHNICAL DATA

- Type: High Voltage, AC, constant output transformer
- Input Voltage: 115 OR 230 VAC selectable
- Frequency: 50/60HZ
- Output Voltage: 7.0Kv
- Input Current: 0.5/0.25A
- Output Current: 5mA
- Line Cord: 6" detachable with US 3 prong grounded plug
- Optional Cord: UK, EURO, US. 230V grounded plugs available
- Weight: 5.75 lbs
- Dimensions:
- Width = 4"
- Height = 3.5"
- Length = 5.75"



If you have special requirements, please call our technical support engineer who will be pleased to assist you.

