

Shockless Model 6200

AirKnife Static Ion Bar



FEATURES

- Shockless Design
- Conventional & Pulsed AC Optional
- AirKnife Assembled Static Ion Bar
- Neutralization for Industrial Applications
- Industrial Static Control

BENEFITS

- Fast Discharge Time
- Highly Reliable Quality
- Low Cost
- Roll to Roll Process

APPLICATIONS

Core Insight's Model 6200 Shockless Designed AirKnife Static Ion Bar is designed to neutralization solution for industrial applications such as web and roll-to-roll process to minimize static issue and particle contamination control. Capacitance coupled design results electrical current limiting for personal safety.

Model 6200 AirKnife Static Ion Bar Ionizer is specially suited for macro and micro particle removal purpose in place. Users can choose fixed output conventional AC power supply unit or output adjustable Pulsed AC power supply. Model 620 Power Supply unit have LED display and audio alarm features for high voltage failure and cleaning cycle.

Model 6200 AirKnife Static Ion Bar

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Effective Length	75 ~ 3700 mm
Overall Length	100 ~ 3800 mm
Ion Emission	Conventional AC or Pulsed AC Technology
Mounting Distance	20 ~ 300 mm to Target
Emitter Points	Stainless Steel 304
Enclosure	Anodized Aluminum
Maximum Speed	360 m/min or 6 m/sec
Dimensions (mm)	42H x 76D x 100 up to 3000L mm
Warranty	1 year limited warranty



- Cleanroom Compatible Fitting
- AirKnife Only Optional
- Various Length Available

Model 610 Power Supply

Input Voltage	100 ~ 240 VAC, 50/60Hz
Output Voltage	0 to ± 5 kV
Ion Emission	Conventional AC Technology
Power Consumption	2mA Maximum
Enclosure	Powder Coated Aluminum
Dimensions (mm)	Stainless Steel 304 102H x 140D x 160L
Warranty	(102H x 140D x 199L with bracket) 1 year limited warranty



Model 620 Power Supply

Input Voltage	100 ~ 240 VAC, 50/60Hz
Output Voltage	0 to ± 7 kV
Ion Emission	Pulsed AC Technology
Power Consumption	500 ~ 2.7 Amps per Bar Length
Enclosure	Powder Coated Aluminum
Timing	1 ~ 50 Hz Frequency
Alarm	Visual & Audio alarm operates for power failures and cleaning cycle schedule
Display	3 Digit LED
Operating Environment	Temperature: 15 ~ 35°C Humidity: 35 ~ 75% RH
Enclosure	Powder Coated Aluminum
Dimensions (mm)	102H x 140D x 160L (102H x 140D x 199L with bracket)
Warranty	1 year limited warranty

FMS Output Signal

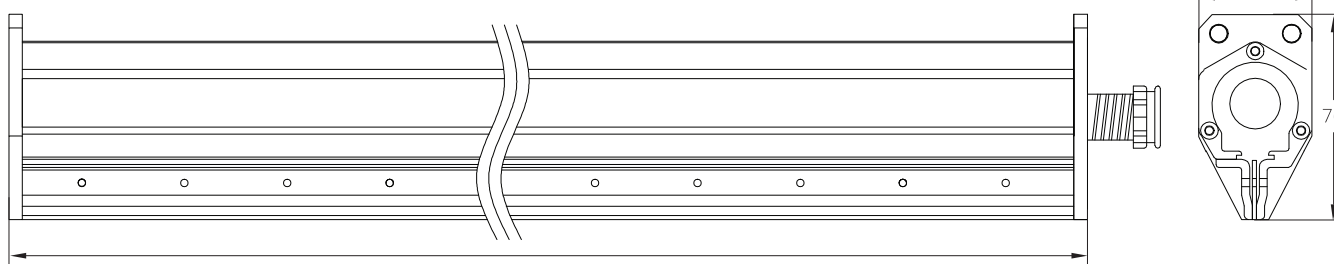
Condition	FMS 3~4
Normal	Closed
Alarm	Open

Related Products & Ordering Information

Model 6200-xxxx

xxxx mm length of Shockless Static Ion Bar

Size & Dimensions (mm)



L = 100, 300, 500, 700, 900, 1000, 1200, 1500, 1800, 2000, 2200, 2400, 2700, 3000 and custom