

Static Eliminators

Selection guide P.2401—P.2424 ▶



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Static blowers 	Ultra-small type	SK3-A	P.2405 ▶
	High-frequency type	SK2-A	P.2407 ▶
Static wind bars 	Intelligent	SK-H	P.2411 ▶
	Standard type	SK-V940	P.2413 ▶
Static nozzles 	Ultra-small type	SK-Z300	P.2415 ▶
	Small type	SK-Z200	P.2417 ▶
Static guns 	High-frequency type	SK-L	P.2421 ▶
Static fieldmeters 	Static fieldmeters	SK-T	P.2423 ▶

Hazards of statics in industry:

1. Automation equipment: cause malfunction or malfunctioning of electronic equipment, resulting in electromagnetic interference.
2. Electronic industry: breakdown of integrated circuits and precision electronic components, or promote the aging of components, reducing the production yield.
3. Production safety: high-voltage electrostatic discharge causes electric shock, endangering personal safety.
4. Production safety: In the production of many flammable and explosive products or dust, oil mist is very easy to cause explosions and fires.
5. Film and plastic industry: make the film or film winding uneven; film, CD plastic disk stained with dust, affecting the quality.
6. Paper-making and printing industry: paper winding is not aligned, overprinting is not allowed, the absorption of dirt is serious, and even paper adhesion, affecting production.
7. Textile industry: cause the root silk fluttering, broken ends, yarn tangled and other hazards.

Principle and function of static eliminators

The **static eliminator** can generate a large number of positively and negatively charged airflow, the positive and negative charges in the airflow can neutralize the charge on the target object;

When the surface of the object is negatively charged, it will attract the positive charge in the airflow, and when the surface of the object is positively charged, it will attract the negative charge in the airflow;

Thus, the static electricity on the surface of the object is neutralized to achieve the purpose of eliminating static electricity.

Product Category

Ultra-small static blower

SK3-A series



P.2405

- Cylindrical discharge needles, more advantageous than traditional discharge needles
- LED display alerts to dirt, wear on discharge needle

High-frequency static blower

SK2-A series



P.2407

- No need to clean and replace electrode needles
- Ionic balance within $0 \pm 10V$

Intelligent static wind bar

SK-H series

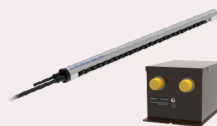


P.2411

- No need to connect a high voltage generator
- Real-time display of ion balance status, visualization of operating status

Standard static wind bar

SK-V940 series



P.2413

- Rod body made of high quality aluminum
- Wide area static dissipation, wide range of applications

Ultra-small static nozzle

SK-Z300 series

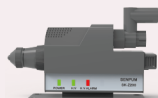


▶ P.2415

- Removable discharge pin for easy maintenance
- If the high voltage stops, the LED display informs

Small static nozzle

SK-Z200 series



▶ P.2417

- Ionic balance within $0 \pm 10V$
- Equipped with de-static operation indicator and high-voltage abnormality alarm indicator.

High-frequency static gun

SK-L series



▶ P.2421

- Plastic gun shape fits in the hand, lightweight, only 150g
- Energy saving, low voltage, no corona discharge production

Static fieldmeter

SK-T series



▶ P.2423

- Unique rotating sensor head measures even in confined spaces
- Detection of the charged state of films, resins, etc.

Fiber Optic Sensors

Photoelectric Sensors

Color Sensors

Laser Sensors

Inductive Proximity Sensors

Precision Contact Sensors

Area/Safety Light Curtain

Laser Scanners

Digital Contact Sensors

Laser Displacement Sensors

Confocal Displacement Sensors

Barcode Scanners

RFID

Infrared Temperature Sensors

Digital Pressure Sensors

Flow Test Sensors

Gate Magnetic Sensors

Ultrasonic Displacement Sensors

Magnetic Scale

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