

Bar Type Ionizer Series IZS31



- Ion generation technology: sensing DC, pulsed DC or DC modes
- Easy maintenance individual removable electrodes:
 - low maintenance
 - fast elimination of static electricity
- Two types of compact sensors are available:
 - autobalance sensor
 - feedback sensor
- Ionic balance $\pm 30V$
- Elimination of static electricity in fractions of second
- Aerodynamic cross section
- Controller integrated in the bar
- Low electrical consumption
- Lengths of bar available from 300 to 2300 mm
- Adjustable frequency ranges (until 60 Hz)
- Display and warning alarms
- Using compressed air allows the elimination of static at distances of up to 2 metres

Feedback sensor



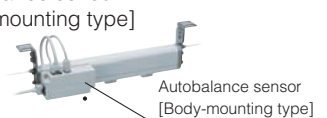
- Rapid elimination of static electricity by a feedback sensor
- Detect the polarity of a discharged object and measure the charged tension

Autobalance sensor
[High-precision type]



- Reduction in adjustment and maintenance man-hours
- The ion balance near the workpiece is accurately adjusted
- The object is not affected by the height of installation or any interference

Autobalance sensor
[Body-mounting type]



- Autobalance sensor [Body-mounting type] can be mounted on the body, and can be installed in any place

Part number	Bar length [mm]	Output	Electrode needle material	Electrode cartridge	Sensor
IZS31-300P	300	PNP	Tungsten (standard)	With rapid elimination of static electricity	Without feedback / autobalance sensor
IZS31-380P	380				
IZS31-620P	620				
IZS31-780P	780				
IZS31-1100P	1100				
IZS31-1260P	1260				
IZS31-1500P	1500				
IZS31-1900P	1900				
IZS31-2300P	2300				

* Power supply cable (3 m) included.

* Sensor and brackets not included in part numbers listed above. Please order them separately.

* For a different electrode cartridge and/or electrode needle material, please order separately.

* NPN option available upon request.

* Non-standard bar length (80mm pitch) available upon request, with -X10 option.

Option / Accessories

Part number	Description		
IZS31-FP-X196EU	AC adapter (100 to 240 VAC)		
IZS31-CP	Power supply cable	3 m	
IZS31-CPZ		10 m	
IZS31-NT	Electrode cartridge	With rapid elimination of static electricity	Material: tungsten
IZS31-NS			Material: stainless steel
IZS31-NC			Material: silicon
IZS31-NJ		With low maintenance	Material: tungsten
IZS31-NK			Material: silicon
IZS31-DE	Sensor	Autobalance sensor [body-mounting type]	
IZS31-DG		Autobalance sensor[high-precision type]	
IZS31-DF		Feedback sensor	
IZS31-BE	Bracket	End bracket	
IZS31-BM		Centre bracket	
IZS31-E3	Electrode cartridge security cover		3 fixed electrode cartridges

Nozzle Type Ionizer Series IZN10



- Ionic balance $\pm 15 V$ ($\pm 10 V$ with energy saving nozzle)
- Compact: high voltage source integrated in the body
- 2 types of nozzle to adapt several applications:
 - energy saving static electricity elimination nozzle
 - high flow rate nozzle
- Slim design
- Easy maintenance: possibility of cleaning electrode without losing the assembly angle
- External switch input function (2 inputs)
- Dirt alarm in electrode

Part number	Nozzle type	Port size	Output
IZN10-01P06	Energy saving static electricity elimination nozzle	$\phi 6$ metric size	PNP
IZN10-02P06	High flow rate nozzle		
IZN10-11P06	Female threads for piping (Rc1/8)		

* Power supply cable (3 m) included.

* Brackets and electrode needle assembly not included in part numbers listed above. Please order them separately.

* NPN option available upon request.

* IZN10-11P06 is used with a fitting and a tube on the end.

Option / Accessories

Part number	Description		
IZN10-FP-X196EU	AC adapter (100 to 240 VAC)		
IZN10-B1	Bracket	L-Bracket	
IZN10-B2		Pivoting bracket	
IZN10-B3		Din rail mounting bracket	
IZN10-CP	Power supply cable		3 m
IZN10-CPZ			10 m
IZN10-NT	Electrode needle assembly		