

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



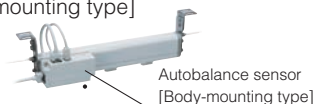
- Rapid elimination of static electricity by a feedback sensor
- Detect the polarity of a discharged object and measure the charged tension

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 | | |