



## Point, shoot and neutralise

Gun type ionizer  
IZG Series

[Quick overview](#)

# Gun type ionizer

## IZG Series



- **Neutralise static in a simple, safe & precise way** – Rapid neutralisation, 0.3 s with a very low residual charge. OSHA1910.242b compliant (Bypass nozzle option)
- **Make it fit your production needs** – Flow rate adjustable. Continuous or pulse air blow selectable
- **Lightweight and hands-on** – As slight as 0.2 kg with an easy-to-pull trigger
- **Easy maintenance** – Easy emitter replacement and fast cleaning. LEDs to easily know the status at a glance.



### Main features

#### ► Mode setting switch

| Set no. | Blow setting    | Trigger setting |
|---------|-----------------|-----------------|
| 0       | Continuous blow | Trigger linked  |
| 1       |                 | Trigger lock    |
| 2       |                 | OFF timer       |
| 3       |                 |                 |
| 4       | Pulse blow      | 3 s             |
| 5       |                 | 5 s             |
| 6       |                 | 7 s             |
| 7       |                 | Trigger linked  |
| 8       |                 | Trigger lock    |
| 9       |                 | OFF timer       |
|         |                 | 3 s             |
|         |                 | 5 s             |
|         |                 | 7 s             |



#### With flow adjustment valve (with indicator)

- Flow rate of ionized air can be adjusted on the gun
- The flow rate can be controlled numerically.



| Number of needle rotations | Flow rate [l/min (ANR)] |
|----------------------------|-------------------------|
| 2                          | 21                      |
| 4                          | 60                      |
| 6                          | 124                     |
| 7                          | 200                     |

Supply pressure: 0.4 MPa

#### Lighting LED

Easy to find particles on the workpiece.

#### High visibility LEDs

Rear mounted LEDs are easy to see during operation.

Power ON



Maintenance indicator



Ion generation



Incorrect high voltage



#### Easy cleaning and replacement of emitters

Removal of nozzle and emitter.



#### ► Bypass nozzle (Option)



#### OSHA1910.242b compliant

Even if the nozzle is obstructed, the main orifice pressure cannot exceed 30 psi (210 kPa).

\* Supply pressure: 0.5 MPa or less

## Selected part numbers

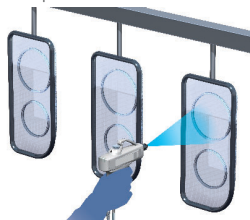
| Part number   | Power supply cable                     | Port size | Nozzle type                             | Effective static neutralisation range [mm] | Ion generation method | Method of applying high voltage | Weight [g] |
|---------------|----------------------------------------|-----------|-----------------------------------------|--------------------------------------------|-----------------------|---------------------------------|------------|
| IZG10-08N-01  | None                                   | Ø 8       | Standard nozzle                         | 0 to 1500                                  | Corona discharge type | High frequency AC type          | 200        |
| IZG10-0802-01 | AC adapter (Without AC cord)           |           |                                         |                                            |                       |                                 |            |
| IZG10-0803-01 | Power supply cable (For 24 VDC wiring) |           |                                         |                                            |                       |                                 |            |
| IZG10-08N-02  | None                                   |           | Bypass nozzle (OSHA1910.242b compliant) |                                            |                       |                                 | 250        |
| IZG10-0802-02 | AC adapter (Without AC cord)           |           |                                         |                                            |                       |                                 |            |
| IZG10-0803-02 | Power supply cable (For 24 VDC wiring) |           |                                         |                                            |                       |                                 |            |

## Accessories

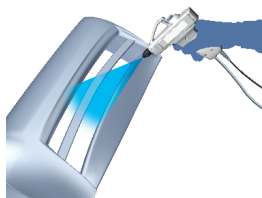
| Part number          | Description                            |
|----------------------|----------------------------------------|
| <b>IZG10-A001-01</b> | Standard nozzle                        |
| <b>IZG10-A001-02</b> | Bypass nozzle                          |
| <b>IZG10-CG2EU</b>   | AC adapter (With AC cord)              |
| <b>IZG10-CG2</b>     | AC adapter (Without AC cord)           |
| <b>IZG10-CP</b>      | Power supply cable (For 24 VDC wiring) |
| <b>IZG10-NT</b>      | Emitter assembly                       |

## Applications

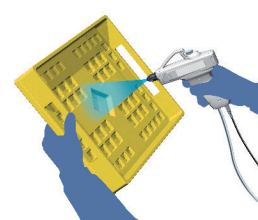
For the static neutralization and dust removal of resin parts



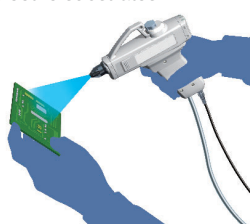
For the static neutralization and dust removal of resin parts



For the dust removal of resin products



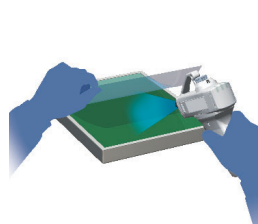
For the static neutralization and dust removal of electric substrates



For the static neutralization and dust removal of resin parts with the ionizer suspended from above



For the dust removal when detaching from film



## Related products



**Anti-static, polyurethane tubing**  
TAU Series



**Polyurethane coil tubing**  
TCU Series



**Finger valve, male thread**  
VHK-A Series



**Clean air filter**  
SFD Series



Expertise – Passion – Automation

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