

No. G2-E

Ionizing Gun



Wiring can be modified according to the real working area environment. Not obtrusive on the cell production bench. Uses cables with superior durability and flexibility.



No. G2-E

Ionizing Gun

Ion air flowing out eliminates static electricity.
Built-in 70 kHz piezoelectric transformer!
Outstanding ion balance within ± 10 V
Safe circuit with low voltage of DC 24 V

HAND TOOLS

BITS & SOCKETS

ELECTRIC TOOLS

AIR TOOLS

STATIC SOLUTIONS

GASOLINE ENGINE TOOLS

No. G7R-E Ionizing Gun

Ionizing method: Piezoelectric high-frequency AC corona discharge Applied voltage: 2kVAV

- Compact and lightweight.
- Ergonomically designed grip that fits your hand.
- Equipped with a green LED light facilitating visual check of dust, and with operating status and alarm lamps.
- Interchangeable nozzles for various applications (option)
- Needle electrode can be easily replaced with a dedicated tool.



CE RoHS

Model No.	Power supply	Current consumption (mA) typ.	Decay time	Ion balance	Noise level (dBA)	Fan speed (max) (ℓ/min)	Weight (g)	EDP No.
G7R-E	24VDC±5%	85	within 1.0sec	within ±10V	92	200	200	621621

(Decay time and ion balance: 150mm from the front of a device, at 0.3MPa, and when equipped with the standard nozzle)
 (Noise: 1m from the front of a device and at 0.3MPa, Air flow: At 0.3MPa)
 ·Air supply pressure: 0.1MPa to 0.6MPa, Air supply hose diameter $\Phi 6 \times \Phi 4$ mm
 ·Accessories: AC adapter AD24-ITCE (100 to 240V AC), AC cable (1.8m), Standard Nozzle G-7SN
 ·Option: Joint Connection Needle G-7THN, Needle Electrode GN-H, Needle Electrode Replacement Screwdriver G-7DR, Straight Silent Nozzle BB-ZSN, Silent Nozzle N-2WN, Flared Nozzle N-2FN, Tube-Fitting Nozzle N-2TN, Brush (60mm bristles) G-7B, Soft Brush (60mm bristles) G-7SB, Speed Controller G-7SC, Microfilter G-7F, Relay Cable (5m) G-7EC5, Relay Cable (10m) G-7EC10

No. BBZ-E Ionizing Gun

Ionizing method: Piezoelectric high-frequency AC corona discharge Applied voltage: 2kVAC

- Built with high-intensity white LED light for clear dust detection.
- Reinforced connector applying a ring tightening type.
- Silent and high jetting air nozzle for concentrated dust removal.
- Black colored body in which stain is less conspicuous
- Long power cable (5m), enabling the model to be moved in a wider area.
- Light-weight body, alleviating an operator's fatigue.



CE RoHS

Model No.	Power supply	Current consumption (mA) typ.	Decay time	Ion balance	Noise level (dBA)	Fan speed (max) (ℓ/min)	Weight (g)	EDP No.
BBZ-E	24VDC±5%	85	within 0.7sec	within ±10V	81	200	210	621638

(Decay time and ion balance: 150mm from the front of a device, at 0.6MPa, and when equipped with a silent, straight nozzle)
 (Noise: 1m from the front of a device and at 0.3MPa, Air flow: At 0.3MPa)
 ·Air supply pressure: 0.1MPa to 0.6MPa, Air supply hose diameter $\Phi 6 \times \Phi 4$ mm
 ·Accessories: AC adapter AD24ITB-E (100 to 240V AC), AC cable (1.8m), Straight Silent Nozzle BB-ZSN
 ·Option: Needle Electrode Replacement Screwdriver G-7DR, Nozzle for Tube Fitting G-7THN, Silent Nozzle N-2WN, Flared Nozzle N-2FN, Speed Controller G-7SC, Microfilter G-7F, Needle Electrode GN-H

No. G2-E Ionizing Gun NEW

Ionizing method: Piezoelectric high-frequency AC corona discharge Applied voltage: 2kVAV

- Compact and lightweight.
- Ergonomically designed grip that fits your hand.
- Equipped with a green LED light facilitating visual check of dust, and with operating status and alarm lamps.
- Interchangeable nozzles for various applications (option)
- Needle electrode can be easily replaced with a dedicated tool.



CE RoHS

Model No.	Power supply	Current consumption (mA) typ.	Decay time	Ion balance	Noise level (dBA)	Fan speed (max) (ℓ/min)	Weight (g)	EDP No.
G2-E	24VDC±5%	100	within 0.8sec	within ±10V	94	153	260	621659

(Decay time and ion balance: 300mm from the front of a device, at 0.3MPa, and when equipped with the standard nozzle)
 (Noise: 1m from the front of a device and at 0.3MPa, Air flow: At 0.3MPa)
 ·Accessories: AC adapter AD24-ITCE (100 to 240V AC), AC cable (1.8m), Standard Nozzle N-15N

One point

Pipe arrangement and wiring can be changed depending on the work

Use by hanging above cell production benches



Static Elimination of the Tray



No. N-1 Super Slim Ionizing Nozzle

Ionizing method:Piezoelectric high-frequency AC corona discharge Applied voltage:10kVAC

- Compact design permitting placement anywhere and in any direction. Newly developed high-voltage transformer and control circuit enables unprecedented ease of use to be realized.
- Screw type nozzle is removed easily, making both nozzle replacement and cleaning of the needle electrode easy.
- Equipped with six-pole terminals enabling an abnormally high-voltage signal to emit or 24 V DC power to be daisy-chained.
- Blue lamp lights up during normal operations.
- When there occurs errors in high voltage, a red lamp flashes.



CE RoHS

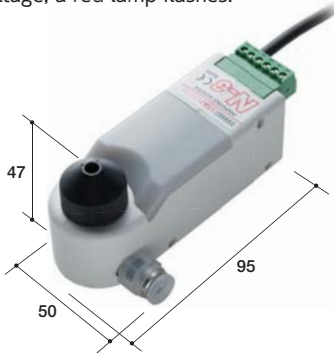
Model No.	Power supply	Current consumption (mA) typ.	Dacay time	Ion balance	Noise level (dBA)	Fan speed (max) (ℓ/min)	Weight (g)	EDP No.
N-1	24VDC±5%	58	within 1.0sec	within ±10V	96	190	80	621639

(Decay time and ion balance: 150mm from the front of a device, at 0.3MPa, and when equipped with the standard nozzle)
 (Noise: at a measurement distance of 1m and 0.3MPa, Air flow: when equipped with the standard nozzle and at 0.3MPa)
 •Accessories: Standard nozzle N-1SN
 •Options: Tube-fittig Nozzle N-2TN, Silent Straight Nozzle BB-ZSN, Silent Wide Nozzle N-2WN, Flair Nozzle N-2FN, Speed Controller G-7SC, Micro-Filter G-7F, Needle Replacement Screwdriver G-7DR, Needle Electrode GN-H

No. N-3 Pinpoint Ionizing Nozzle

Ionizing method:Piezoelectric high-frequency AC corona discharge Applied voltage:5.6kVAC

- Compact and lightweight. Equipped with screw holes for a mounting to a system.
- Offers various nozzles as options that can be used in a variety of applications
- Screw type nozzle is removed easily, making both nozzle replacement and cleaning of the needle electrode easy.
- Automatically stops in the event of high voltage. Equipped with alarm output terminals.
- Equipped with six-pole terminals enabling an abnormally high-voltage signal to emit or 24 V DC power to be daisy-chained.
- Green lamp lights up during normal operations. When there occurs errors in high voltage, a red lamp flashes.



CE RoHS

Model No.	Power supply	Current consumption (mA) max.	Dacay time	Ion balance	Noise level (dBA)	Fan speed (max) (ℓ/min)	Weight (g)	EDP No.
N-3	24VDC±5%	90	within 1.0sec	within ±10V	99.4	210	104	621654

(Decay time and ion balance: 150mm from the front of a device, at 0.3MPa, and when equipped with the standard nozzle)
 (Noise: At a measurement distance of 1m and 0.3MPa, Air flow: When equipped with the standard nozzle and at 0.3MPa)
 •Air supply pressure 0.1MPa to 0.6MPa, Air supply hose diameter φ6×φ4mm
 •Accessories: Standard Nozzle N-1SN
 •Option: Flared Nozzle N-2FN, Tube-Fitting Nozzle N-2TN, Shower Tube N-2C6B, Straight Silent Nozzle BB-ZSN, Silent Nozzle N-2WN, Speed Controller G-7SC, Microfilter G-7F, Electrode Needle Replacement Screwdriver G-7DR, Electrode Needle GN-H

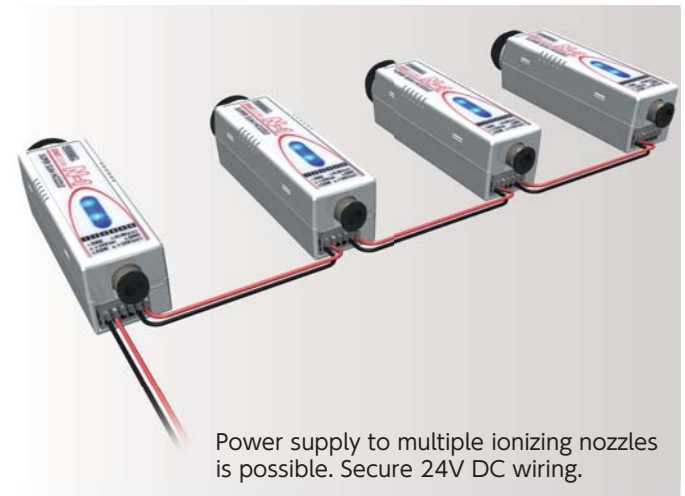
One point

Interchangeable nozzles for various applications (option)



Shower Nozzle and Silent Nozzle are available as options.

Daisy-chain wiring. High voltage cables stay inside the product.



Power supply to multiple ionizing nozzles is possible. Secure 24V DC wiring.

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