100th VESSEL 1916-2016

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New

# ION AIR GUN No.G2-E

# Practicable Handy Ionizer with Flexible Cable Installation

**Easy Maintenance**

Electrode needle can be easily replaced.

- Outstanding Performance: Ion Balance within +/-10V
- Flexible Cable Installation: Upward or Downward
- LED Lamp for Operation Status
- High Voltage Alarm
- Small and Light-Weight
- Safe Design of 24VDC Low Voltage Circuit

Flexibility enhanced input cable
(2m from the adaptor to the body)

CE RoHS

STAT·CLEAN series

# ION AIR GUN *New*

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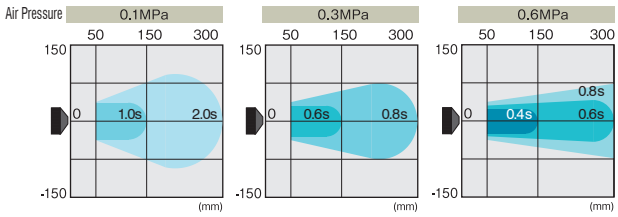
# Cables Upward or Downward

**There are grooves along which the cable and air hose can be fixed, enabling the G2-E to be hung from above. Very good for a work on a cellulor manufacturing table.**

Possible to fix the direction of the air hose and the power cable.



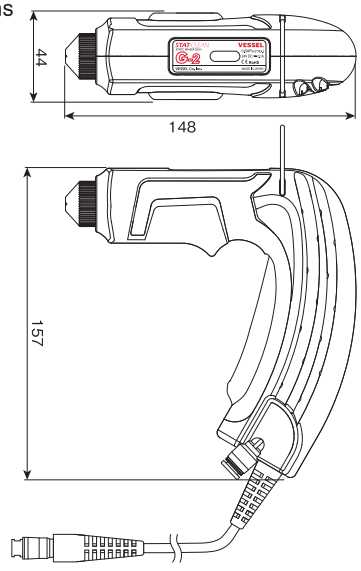
## ☐Ionizing Performance




| Air Pressure (MPa) | | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 |
|---|---|---|---|---|---|---|---|
| Air volume (L/min) | | 66 | 111 | 153 | 193 | 233 | 279 |
| Decay Time | +1000V→ +100V (sec.) | 1.2 | 0.7 | 0.6 | 0.5 | 0.5 | 0.4 |
| | −1000V→−100V (sec.) | 1.2 | 0.8 | 0.6 | 0.5 | 0.4 | 0.4 |
| Ion Balance (V) | | -0.6 | 1.2 | 1.6 | 2.3 | 3.7 | 4.1 |

※Measured at the distance of 150mm

## ☐Dimensions




## ☐Specifications

| | |
|---|---|
| No. | No.G2-E |
| Ion generation method ／Applied voltage | High voltage AC corona discharge ／AC 4.5 kV |
| Input voltage/Power consumption | DC24V ±5% ／100mA (typ) |
| Dimensions | L148xH157xW44(mm) |
| Weight | approx. 260g |
| Air Pressure | 0.1 ～ 0.6MPa |
| Ozone production | 0.05ppm or less (measured at 50mm) |
| Air consumption | 153 L/min (0.3MPa) |
| Noize | 94dBA (0.3MPa) |
| Warning output | High voltage alarm output stop (Red LED) |
| Protective function | Current fuse (0.5A on the board) |
| Operating temperature and humidity | 5 ～ 40℃ 35 ～ 65%RH (non-condensing, non-freezing) |
| Storage temperature and humidity | 0 ～ 60℃ 35 ～ 85%RH (non-condensing, non-freezing) |
| Neutralization area | 50 ～ 300mm (Installation:Indoor, non-hazardous area) |
| Decay Time | 0.8 sec (Before shipment 0.3MPa, Measured at 300mm) |
| Ion Balance | Within ±10V |
| Material | Casing : Fire retardant polycarbonate and elastomer<br>Hook : SUS<br>Electrode Needle : Tungsten |
| Accesories | Instruction Manual、AC Adapter (No.AD24−ITC-E) |

※The measurement values were obtained using the VESSEL measurement environment, so error could be induced depending on the operation environment.

**WARNING** ● For safety purposes, read the instruction manual carefully before using the unit. ● Do not use this product in a hazardous area. ● A high voltage is applied on this product. Make sure that water, oil, solvents, etc., do not come in contact. ● Avoid dew condensation as it can result in electric shock or product damage. ● Keep away metal objects such as tools or needles, or body parts such as fingers, hands or face from the needle electrode because a high voltage is applied on the needle electrode.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