

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 $\pm 10V$
- 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

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 cellular manufacturing table.

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

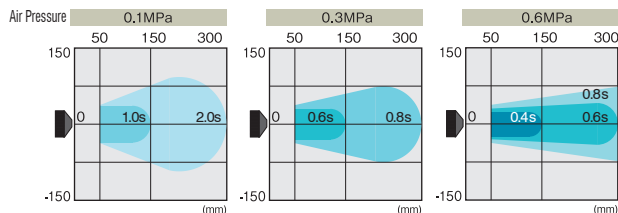


Use the G2-E with cables downward



Use the G2-E with cables upward (e.g. hanging from a tool balancer)

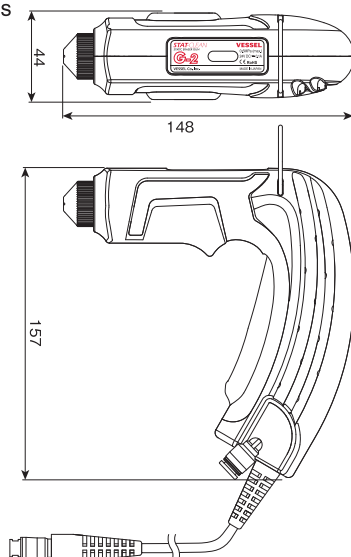
Ionizing Performance



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)
Noise	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°C 35 ~ 65%RH (non-condensing, non-freezing)
Storage temperature and humidity	0 ~ 60°C 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 Hook : SUS Electrode Needle : Tungsten
Accessories	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.



● 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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●For improvements, the product specifications, size, price and other information may be subject to change without prior notice.

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