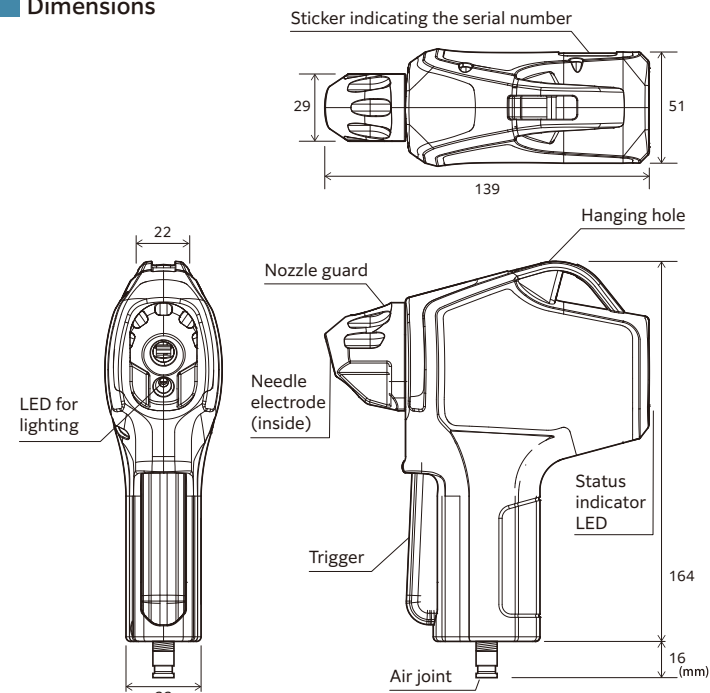


Air-Powered Ion Gun No.G-5 *New*

VESSEL
Think Solutions!

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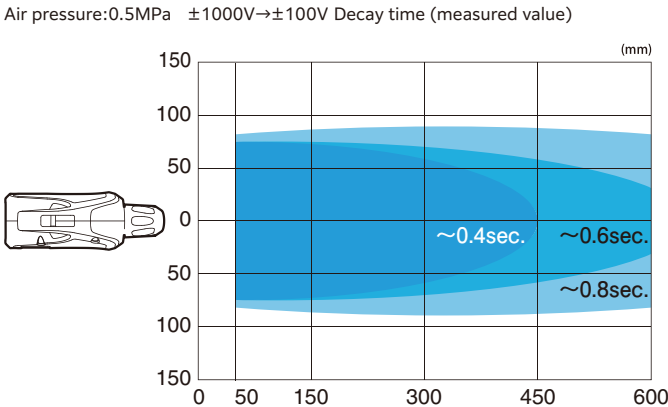
■ Dimensions



■ Specifications

Model No.	G-5
Type	High voltage applied ionizer
High voltage power source	Coiled transformer (Built-in)
Ionizing method	AC corona discharge
Applied voltage/Frequency	8kVAC p-p / 32kHz
Air connection	O/D 8mm Tube applied, air joint
Operating fluid/Input pressure	Clean dry air / 0.2~0.7MPa (Rated 0.5MPa)
Air volume	422ℓ/min (0.5MPa)
Decay time	±1000V→±100V: 1 second or less (Air supply condition 0.5MPa, at 150mm)
Ion balance	within ±20V (~0.4MPa), within ±40V (~0.7MPa)
Noise	99.3dBA (Air supply condition 0.5MPa, at 1000mm)
Protective circuit	High-voltage short-circuit detection circuit / Overloaded voltage protection circuit / High temp. abnormality stop circuit
Operating temp./humidity	5~45°C / 10~90%RH (No dew condensation or freezing)
Storage temp./humidity	-30~50°C / 10~90%RH (No dew condensation or freezing)
Material	Body: Polycarbonate (frame retardant) Elastomer (frame retardant) Needle electrode: Tungsten Nozzle: PBT Built-in parts: PBT
Dimensions	W139 x D51 x H164mm
Weight	Approx. 365g
Place of use	Indoor
Accessories	Instruction manual, Air joint φ8mm (already mounted), Nozzle guard (already mounted)

■ Performance (Ionizing Area)



*The data on the static elimination performance is a measured value under our environments, and this is not a guaranteed value.

■ Options

Needle electrode replacement screwdriver G-7DR (Code No.806061)
Plug with urethane tube G-9UTP (Code No.806148)

■ Replacement parts

Needle electrode GN-H (Code No.806124)
Nozzle guard G-5NZG (Code No.621720)
Standard nozzle G-5SN (Code No.806157)



⚠ Cautions

●For your safety, be sure to read the instruction manual carefully before using this product. ●Never use this product in a hazardous area requiring explosion proof measures. ●Since a high voltage is applied on this product, keep away water, oil, solvent, etc., so that they do not come in contact with the product. ●Avoid dew condensation as it can result in electric shock or product failure. ●Since a high voltage is applied on the discharge needle, keep away metal objects such as tools or wires, or body parts such as fingers, hands, or face.

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●Subject to change of the specifications, dimensions, and others, without prior notice.

New

Power cord is **not needed!**
Compact and light-weight
ionizing gun for the new era

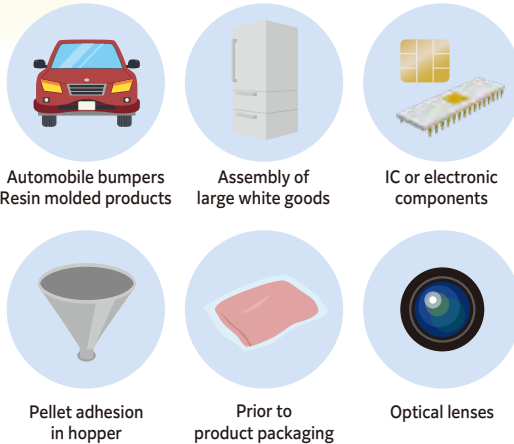
Easy
connection
&
Compact

One of the most powerful
air discharge models!!



No power cord!!

User-friendly
design!!



STAT·CLEAN **G-5**

Air-Powered Ion Gun

※Patent Pending
Code No.621681

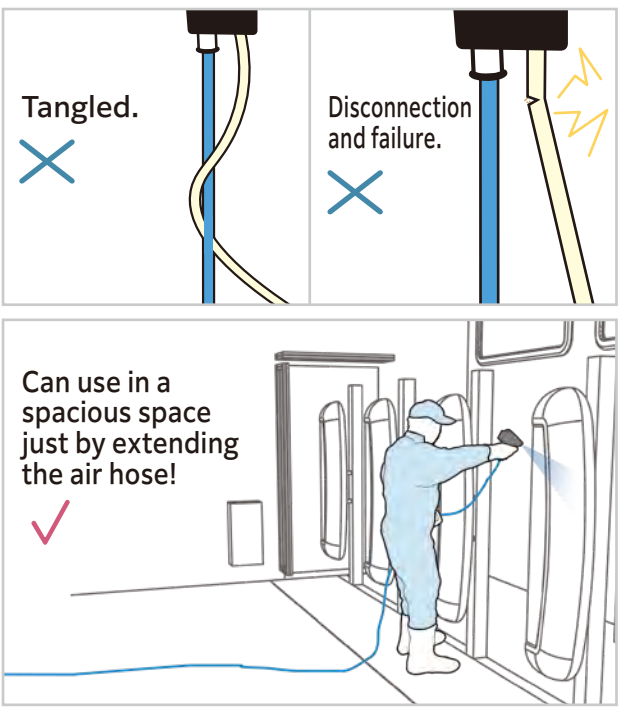
CE MADE IN JAPAN

Static elimination and dust removal just by supplying the air and **triggering!**

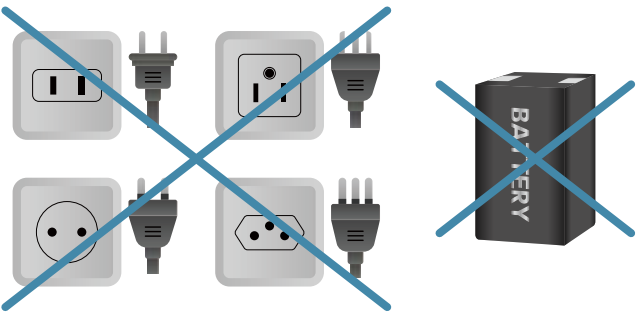
POINT
1

No power cord! Just with air supply, this can be used overseas, too!!

Since a power cord is not necessary,
no cable disconnection occurs.
The compressed air generates power.



No power connector! No battery!

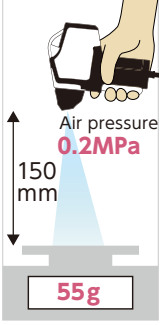


POINT
2

One of the most powerful air discharge models!!

Powerful air discharge (impact force)
eliminates static electricity
and removes dust all at once!

Air pressure	Air discharge
0.2MPa	55g
0.6MPa	293g

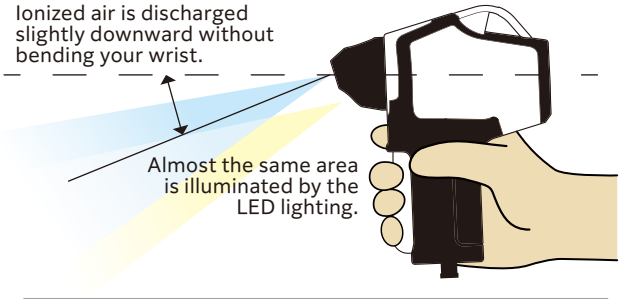


POINT
3

User-friendly design!!

The nozzle direction that is appropriate to the actual work.

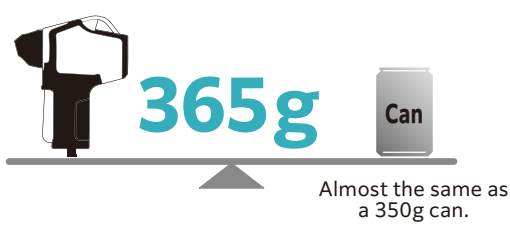
Ionized air is discharged
slightly downward without
bending your wrist.



Newly designed hanger enables to hang in various ways.



Compact and light-weight model reduces stress during work.



Status indicator LED showing the operating status.



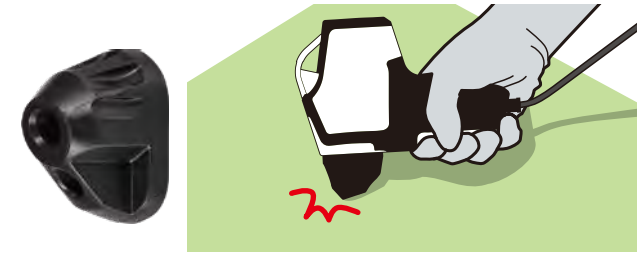
- Normal POWER**
Green light during operation.
- Abnormality ABN STOP**
Red light: Abnormality in relation to the power generation
Red flash: Abnormality in relation to the high temperature.
- Abnormality H.V.**
Red light: Abnormality in relation to the high voltage power

POINT
4

Safety and maintenance

Nozzle guard

Prevents failure due to dropping and
scratches on the workpiece.



Cleaning

A single needle that is easy to
clean after removing
the cover guard
and the nozzle.

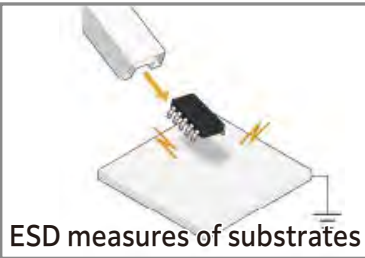


POINT
5

Excellent Ion Balance. For various applications!!

0.3MPa operating air pressure: within $\pm 15V$
0.7MPa operating air pressure: within $\pm 40V$

Electric	Optical lenses, electric components, substrates, etc.	High-accuracy ion balance reduces the risk of damages to the products!
Resin molding	Large home appliance housing, resin bumpers, etc.	Supports big workpieces by extending the air hose!
Painting	Automobile sheet metal painting, etc.	Can be used with high-pressure air!



LED lighting
lights up brightly
the workpiece.



Air joint $\phi 8\text{mm}$
Air tube size: O/D 8mm x I/D 6mm

Elastomer grip
Adopts material that is easy
to hold and that fits in your hand.

Users' voices

- "No power source required" and "automatic control of power generation" are great. I really feel the advance in technology.
- Ionizing guns always have the problem of cable disconnection, but with this, I don't have to worry about that.
- Wow! It has quite a bit of discharge power.
- To switch from a one-touch joint to a coupler is good.
- Can use with reliability for static elimination from electric components since ion balance is stable.
- As the work table is small, compactness is good.