

New

VESSEL
Think Solutions!

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!!

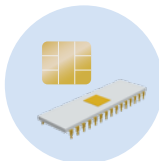
User-friendly
design!!



Automobile bumpers
Resin molded products



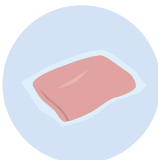
Assembly of
large white goods



IC or electronic
components



Pellet adhesion
in hopper



Prior to
product packaging



Optical lenses

STAT·CLEAN G-5

Air-Powered Ion Gun

※Patent Pending

Code No.621681

MADE IN JAPAN

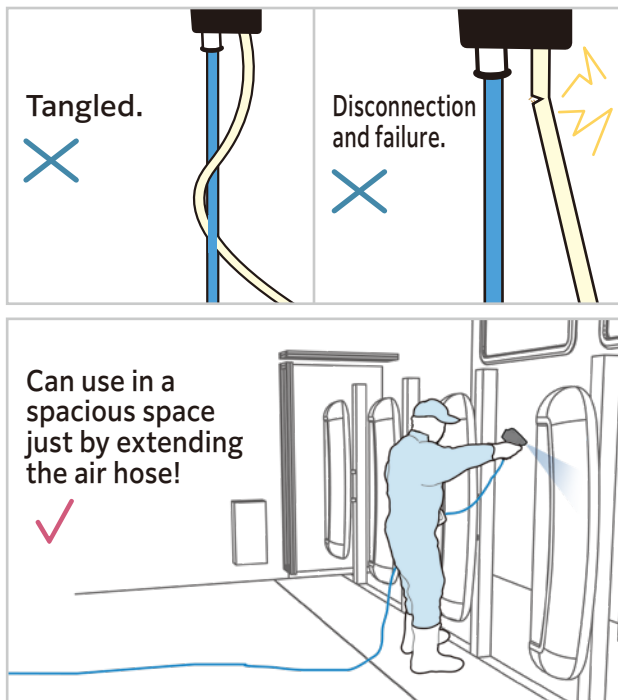
Static elimination and dust removal ju

POINT

1

No power cord!

Since a power cord is not necessary, there is no worry about disconnection! The compressed air generates power.

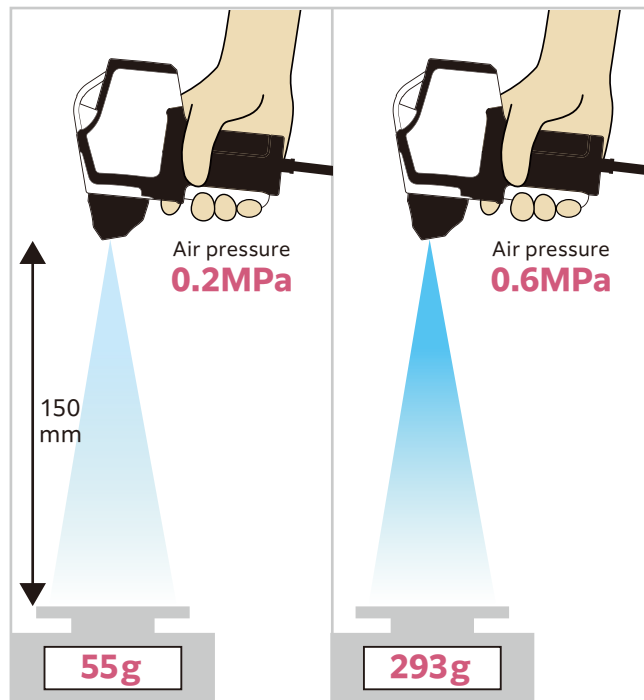


POINT

2

One of the most powerful air discharge models!!

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



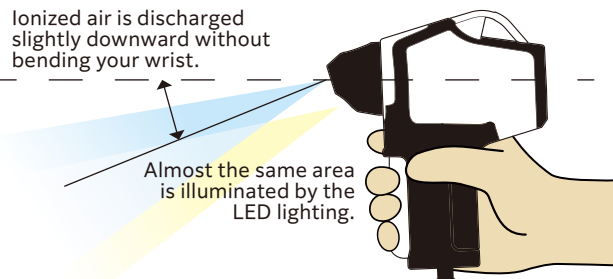
POINT

3

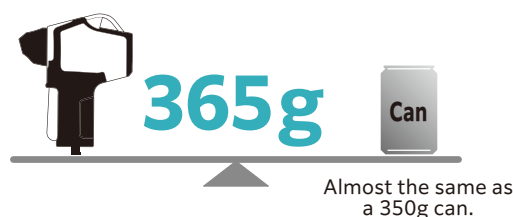
User-friendly design!!

The nozzle direction that is appropriate to the actual work.

Ionized air is discharged slightly downward without bending your wrist.



Compact and light-weight model reduces stress during work.



Newly designed hanger enables to hang in various ways.



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

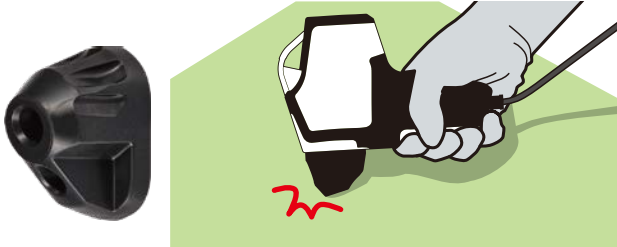
st by supplying the air and **triggering!**

POINT
4

Safety and maintenance

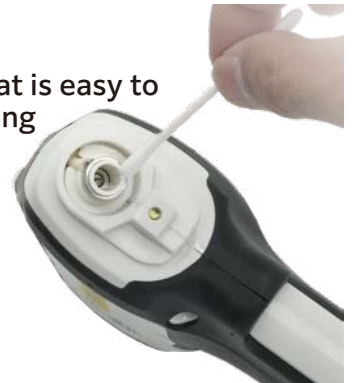
■ Nozzle guard

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.

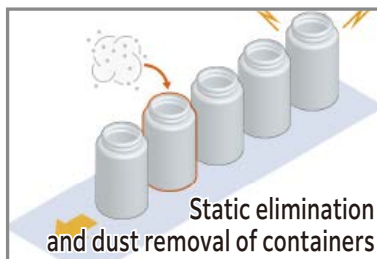
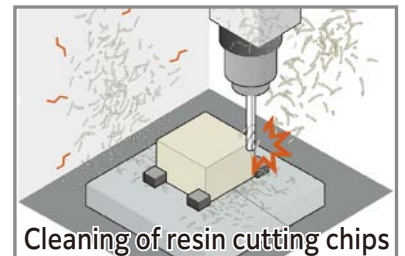
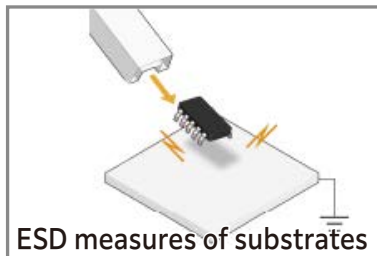


POINT
5

A wide range of applications supported!!

Wide range of operating air pressure (0.2~0.7MPa) supported.
For various needs of static elimination and dust removal.

Electric	Optical lenses, electric components, substrates, etc.	Ion balance within $\pm 15V$! ※When using at 0.3MPa or below.
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



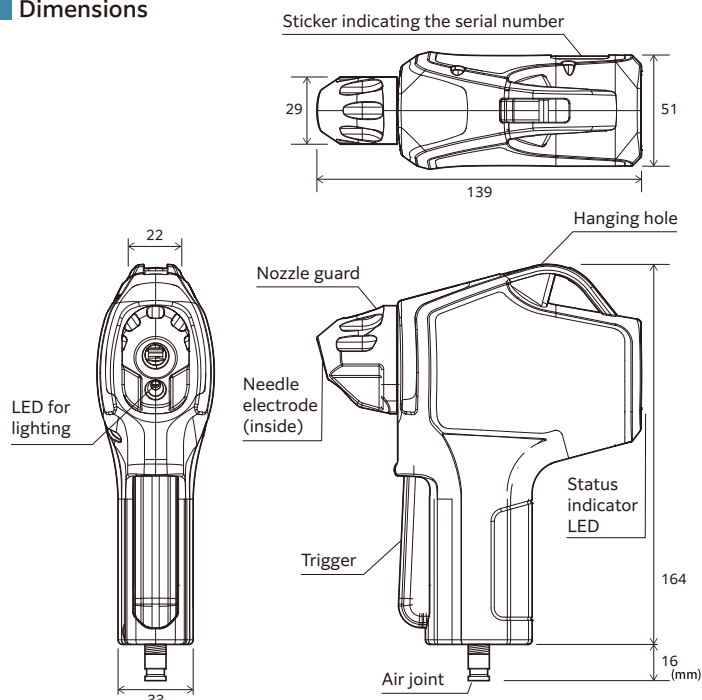
Elastomer grip
Adopts material that is easy
to hold and that fits in your hand.



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.
- Good that the female thread on the product, making it possible to change the air joint to a coupler. In auto repair work, only couplers are available on-site.
- Can use with reliability for static elimination from electric components since ion balance is stable.
- As the work table is small, compactness is good.

■ Dimensions

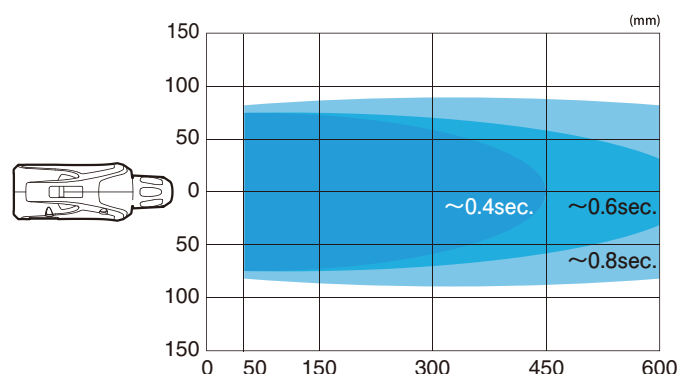


■ Specifications

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) / ABS (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)

Air pressure: 0.5MPa ±1000V→±100V Decay time (measured value)



*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 an 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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