



ECOGUN (EG-2)

- : World First Self-Generating Anti-static Gun
- : Ionizing Air Gun for Expert Painter
- : Solution for Dust Particles & Static Electricity
- Power Cordless (Air-Powered) ion gun
- No power cable, No battery, No Recharging
- EX certified approved for use in paint booths
- CE (EMC, RoHS), UKCA (EMC, RoHS)
- Compact Size & Light Weight 200g

CAUTION

<Be sure to read the cautions before using it.>



Use the product only when the green LED is on.
Long-term use in a red LED can rapidly shorten product life.



2. Do not leave ECOGUN in a hot environment such as a paint booth.



It is a precision electronics product, so be careful of shocks such as falling.

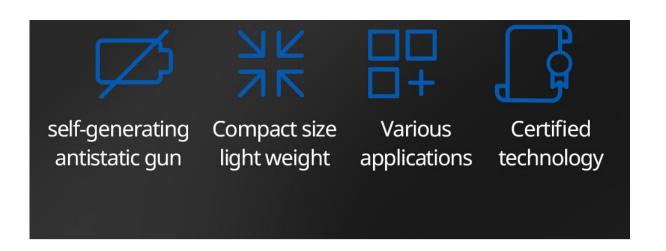


4. Don't install the ECOGUN in production facilities lines.



A dedicated dehumidification filter must be used on the compressed air.



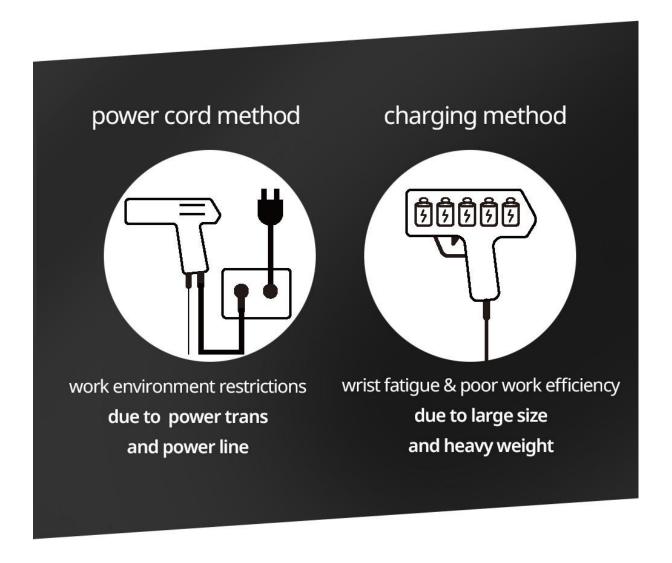


ECOGUN is a self-generating antistatic gun that does not require power line and charging



Powerless ion gun that does not need a power cord

inconvenient existing antistatic guns to use



The ECOGUN that improved these problems



In any working environment, it can be used immediately by connecting to existing compressed air without power line or charging

We changed the power cable and the battery that caused inconvenience



Power generation motor

Self-generating motor using compressed air



Power generation circuit

Uniform and stable ion generation

For user's convenience, it is **light-weight** and has a **compact size** that is easy to hold in the hand to improve usability



Also, ECOGUNs that are used in various purposes

Electronics production



Prevention of damage to IC chips by static electricity, EMI, ESD and Dust Removal

Printing, coating



prevention printing defects due to static electricity (splashing & smearing, displacement)

Plastic injeciton



Prevent worker electrostatic shock and remove dust from injection products

Film, packaging



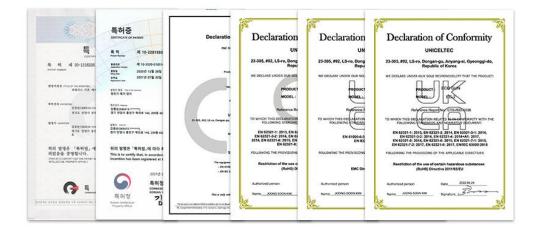
Prevention of adhesion of foreign substances by static electricity, prevention of adsorption between wrapping papers

Certified technology reliable product quality





ECOGUN can be used in an explosion-proof area (Zone2) such as a paint booth by applying an EX (ATEX) explosion-proof structure and the human body's harmlessness was verified by conducting an ozone generation test



UNICELTEC has CE and UKCA certificates, including a number of patents related to electrostatic removal

ECOGUN's keypoints



No power cable



No battery



Easy Installation



Fast antistatic speed (Avg 0.2 sec)



Stable ion balance (within +,- 10V)



Compact size light weight



High safety



Economical efficiently



Motor speed indicator LED



No consumables and maintenance costs



AC method (No ion balancing required)



1. Check Components



2. Coupler connection



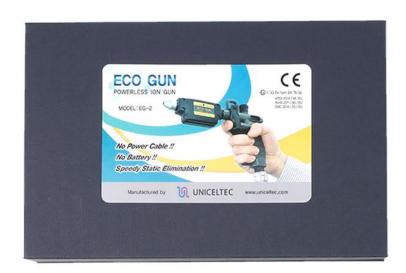
3. Spray to target surface







Product details





- 1 Package box
- ② Connector (EU Type)
- ③ Connector (JPN Type) ④ Motor speed control driver
- **5** ECOGUN

Product name	ECOGUN
Model name	EG-2
Size	207W x 162L x 31H
Ion generating mode	AC 10khz
Decay time	0.2 sec (avg 1,000V -> 100V)
Ion balance	Within + , - 10v
Air pressure	3 ~ 6 bar
Air injection volume	80 ~ 120 L/m
Air injection angle	25 deg
Distance	10 ~ 50 cm
Life time	3,000 ~ 5,000 hrs
Temperature	15 ~ 50 °C
Country of manufacture	Republic of KOREA
Weight	200 g
Website	www.ESD.nl