

6. Maintenance *****

(1). To ensure that product performance is good, it is required to clean and maintain the gun depending on their environment. Gently remove carbon deposits on the discharge electrode by use static brushes, dust-free cloth moistened with anhydrous alcohol can improve the performance significantly.

Caution

- (A) Must be done 10 minutes after power switched off.
 - (B) When use anhydrous alcohol to clean. Power should be switched on after alcohol volatile completely. Any other organic solvents are not allowed to use for clean purpose.
- (2). User should stop using the device when the red working instruction LED is off. It can only be reused after check and repair and the Performance indicators are confirmed.

7. After sales service *****

- (1) AP-AZ3201 ionizing air snakes are strictly inspected and match all the technical standards indicated in this manual.
- (2) Repair or change any damaged parts caused by quality reasons free of charge within one year from the date of purchase after we confirm the quality issue.
- (3) Above promise is not fit for the following situation: Alternation of the device, wrongly used, incorrect installation, abasement, negligence, accidental damage, wrong input voltage, unpacking and repacking by user itself or maintain by other unauthorized service department.
- (4) AP&T is free from any related responsibility of using the product except the parts specified here above.

8. Accessories *****

- (1). Warranty card (2). User manual (3). Conformity card
- (4). Cleaning brush

AC Ionizing air snake**AP-AZ3201****1. General *******

AP-AZ3201 Ionizing air snake is one of the ionizing air snake series products manufactured by Shanghai Anping Static Technology Co.,Ltd (AP&T) .

AP-AZ3201 adapts AC high voltage acting on the special emitters to ionize the air and generate positive and negative high voltage ion. With the help of compressed air to convey positive and negative ions to the object surfaces and neutralize the positive and negative ions to achieve the goal of efficient and reliable static removing.

It is widely used in electronics, plastics, chemical, printing, electro-optical industries.

2. Features *****

- Small dimension, easy and flexible operating and reliable.
- Longer distance of static removing by compressed air assistance.
- Work under High voltage and micro current(μ A level)
- Clean the dust at the mean time of static removing.

3. Specification *****

Model	AP-AZ3201
Input voltage	AC220V 50Hz or AC110V 60Hz
Power	26W
Optimum working distance	150—300mm
Ion balance	$\leq \pm 50V$ (150mm from air outlet)
Discharge speed	$\leq 1.5s$ (150mm from air outlet)
Noise	$\leq 65db$ (150mm from air outlet)
Medium used	clean compressed air
Air pressure	0.2~0.6MPa
Working temperature	0- 50°C
Air connector	Φ8mm (customize available)
Dimension	180*135*118mm (L*W*H cabinet)
Net weight	3350g (include HV cord and clamp rings)
Gross weight	3780g

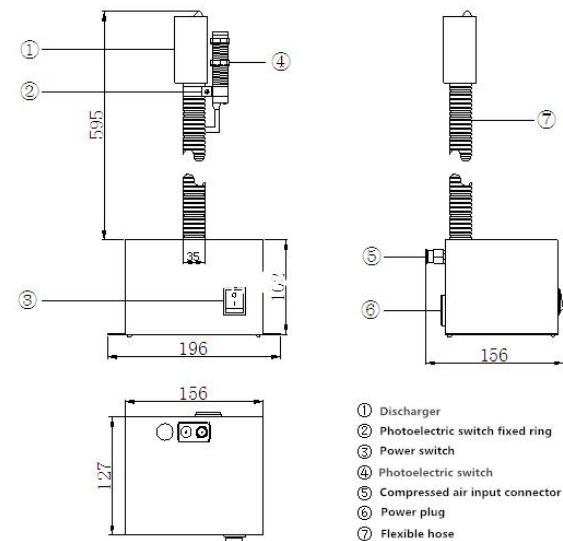
4. Safety *****

1. Be aware to read this user manual carefully before install and use this device.
2. Earth wire of the air snake power supply should be connected reliably to guarantee the user safety.
3. Do not use this device in the environment with humidity > 70%.
4. It is strictly prohibited use this device in the flammable and explosive surrounding.
5. Internal maintenance and reparation must be done by professional.

5. Use instruction *****

- (1) Select best position and install the power supply securely.
- (2) Insert the HV plug of the air snake into the HV socket of the power supply cabinet.
- (3) Connect the air connection to the air generator and switch on the air supply.
- (4) Switch on the power supply.

Outline dimensional drawing



When used, it should be close to the work area (about 150~300mm from the objects), ionizing air snake outlet shall be aligned to target objects. Optimal effects can be reached by adjusting the air pressure and the angles.

Be sure the input air is dry and clean to avoid water vapor oil and dust in the air get into the nozzle and affect the product performance.

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AC Ionizing Air snake

AP-AZ3201

User Manual

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