

6. Maintenance

(1) Take off the air cap in front of the air nozzle and observe the head of the alloy electrode. Change the electrode when it becomes obtuse while not sharp to guarantee the effectiveness of the static removing.

(2) If the indication light keep off user should stop operating the device and ask for maintenance. Device can only be used when the generator is under normal condition.

7. Warranty and After Sales Service

(1) AP-AC2454-A ionizing air nozzle are strictly inspected before ex-work and match all the related technical standard indicated in this manual.

(2) **AP&T PROMISE:** 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) Shanghai Anping is free from any related responsibility of using the product.

8. Caution

(1) User must install air filter for input air to guarantee the input air clean and dry and avoid the wet air get into the gun head thus cause short circuit in high voltage power generator.

(2) In order to guarantee the nozzle to work with good technical feature, user should clear the sediment on electrode sharp slightly with brush pen every 5-7 days under normal operation. (Must be done 10 minutes after power is switched off).

AP&T

AP-AC2454-A

Ionizing air nozzle

1. General

AP-AC2454-A ionizing air nozzle is one of the static eliminator products produced by Shanghai Anping (AP&T). It is a fast and high efficient device design for removing static on object surface.

AP-AC2454-A ionizing air nozzle applies the modern positive and negative ion interchange technology. It generates a symmetrical ion group on one electrode and transmits the ion to the object surface thus neutralize static by compressed air. It can eliminate the static on object surface efficiently and keep the remaining static at low level.

2. Features

(1) Small dimension, easy to install, flexible operating and reliable.

(2) Clean the dust at the mean time of static removing.

(3) Fixed positioned with hand free operation.

3. Specification

Model	AP-AC2454-A
Working voltage	AC2800V
Power	20W
Working distance	150—300mm
Ion balance	$\leq \pm 15V $ (150mm from air nozzle)
Discharge speed	$\leq 1.5S$ (150mm from air nozzle)
Noise	<65db (150mm from air nozzle)
Medium	Compressed air
Air pressure	0.05 - 0.6MPA
Working temperature	0° C - 50° C
Air connector	$\phi 8mm$ (Customize available)
Cord length	3M
Power generator	AP-AC2455-28A/B
Dimension	60*25*25mm (L*W*H)
Net weight	400g
Gross weight	480g

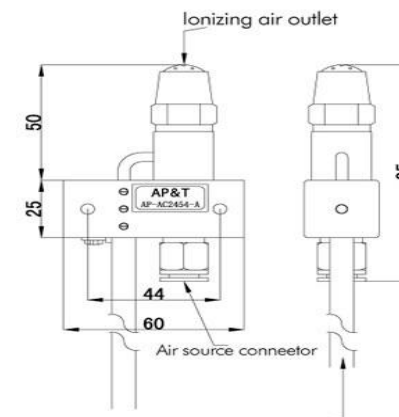
4. Installation & Operation

Air nozzle should be close to the working area (appro. 150-300mm to the target objective) when using. Air exit must aim to the target object. By adjusting the angle of the air nozzle the optimum static removing effect can be achieved.

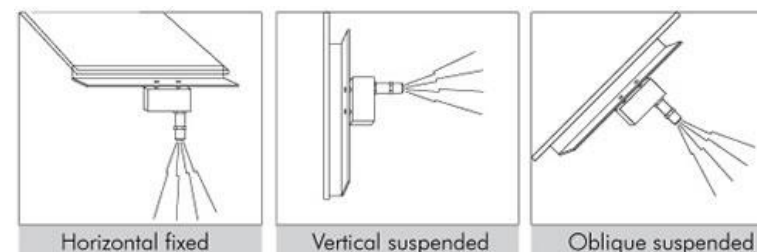
- (1) Insert the power cord into the socket of the power generator.
- (2) Connect compressed air source with the source interface of the air nozzle.

- (3) Connect the high voltage cord between power generator and air nozzle.

- (4) Switch on the power.
- (5) Adjust the nozzle and operating point to achieve the optimum effect.



Positioning



5. Safety

- (1) Be aware to read this user manual carefully before install and use this device.
- (2) Earth wire of the air nozzle and power generator should be connected reliably to guarantee the user safety.
- (3) Do not locate this device in the environment with humidity>85%.
- (4) Do not use this device in the flammable and explosive surrounding.
- (5) Internal maintenance and repairing must be done by professional engineers.