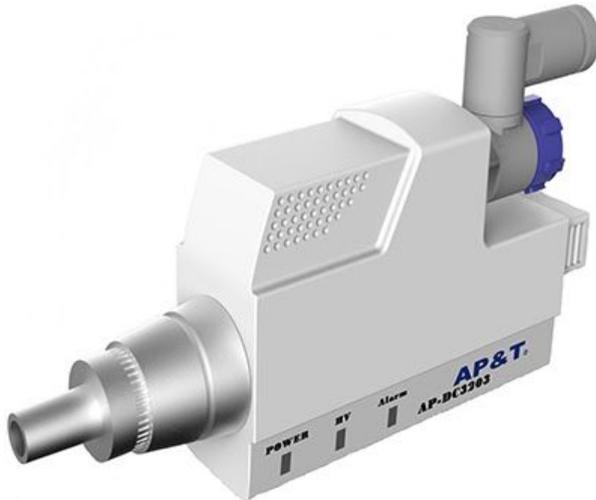




AP-DC3203 Ionizing Air Nozzle

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AP-DC3203 DC ionizing air nozzle is one of Shanghai Anping (AP&T®) static eliminator product series.

AP-DC3203 adopts DC low-voltage power supply and boosts voltage by piezoceramics transformer. It generates high frequency high voltage ionized air which contain plentiful well balanced positive and negative ion at high voltage emitter and transmits to surface of object by pressed air to remove dust and static.

It is widely used in electronics、 plastic、 chemical、 printing、 opto-electrical industries.

Features

1. Human oriented design : Small and light, hand feel and drape, flexible operating and reliable.
2. High frequency high voltage AC corona discharge : Generates vast well balanced positive and negative ion, High efficiency of dust and static removing
3. High safety : High voltage circuit and high voltage generator totally enclose inside the gun body so that put an end to electric shock caused by leakage
4. Pneumoelectric switch : No gas no high voltage output. High frequency high voltage output only generates when gas pass through thus extends the product life.
5. Malfunction alarm : Green light on indicates working order. Red light on indicates error

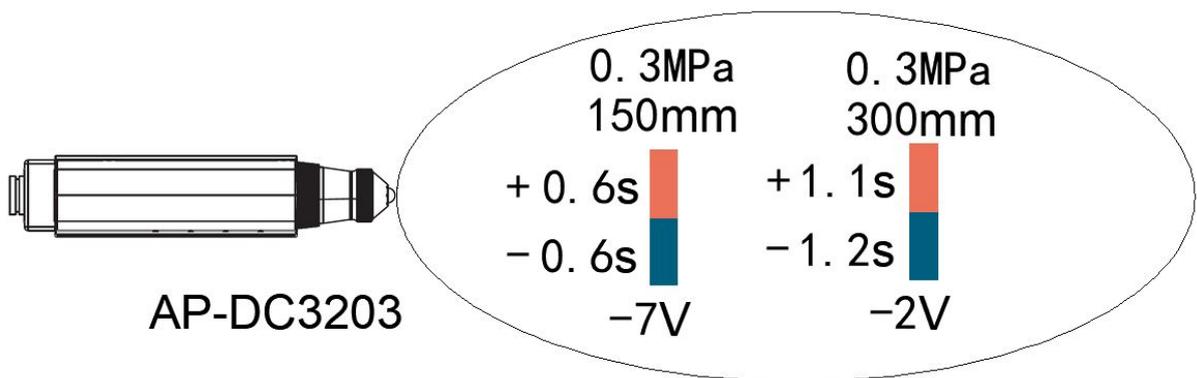
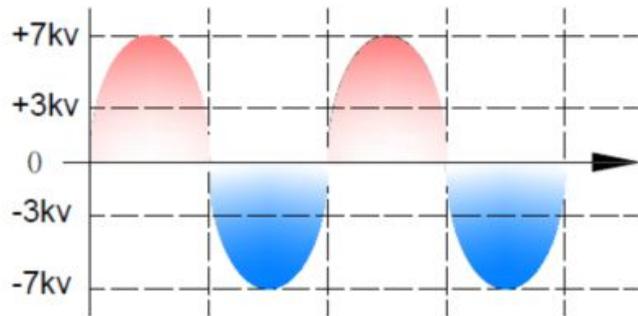
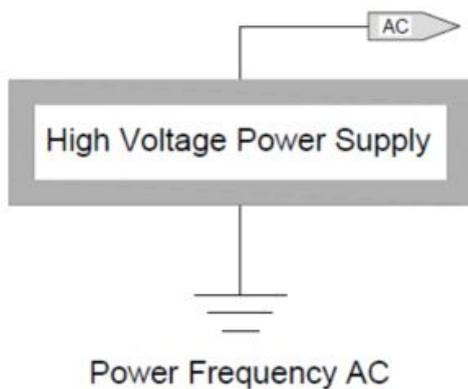
6. Match standard : This product matches EMC standard



Specification

Model	AP-DC3203
Output voltage	DC24V
Working voltage	High frequency AC2200V
Current consumption	500mA
Power consumption	12W
Working distance	150-300mm
Dissipation speed	<1.0s (150mm from the front of the wind nozzle)
Ion balance	-15V~+15V (150mm from the front of the wind nozzle)
Operating temperature	0-40°C
Working humidity	30—70%RH (No water condensation)
Air pressure	0.05-0.5MPa
Ion emission	High frequency AC
Odor content	<0.03ppm

Adapter power supply	IN : AC100V—240V 50Hz/60Hz ; OUT : DC24V 0.5A
Air source connector	Φ6mm
Dimensions (L*W*H)	Nozzle : 104.5*56.5*22mm Different types of nozzles, the size will be slightly different
	Power Adapter : 74.2*29.5*62.2mm
	Power adapter power cord length : 1.2m
Net weight	Nozzle : 100g
	Power Adapter : 71g
	Power adapter power cord length : 41.5g
Gross weight	362.5 g

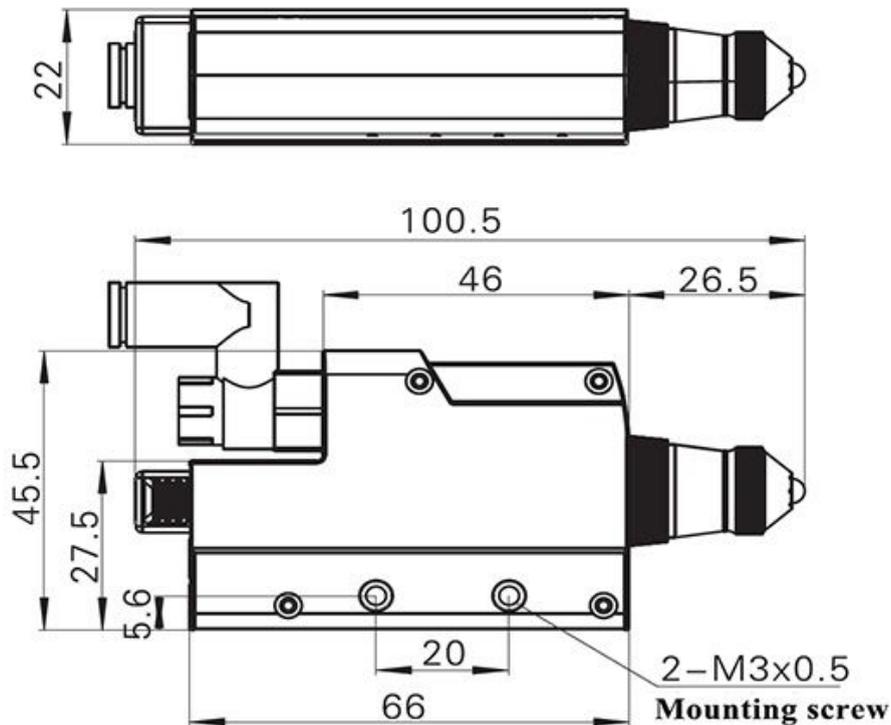


Installation & Operation

1. Insert the Φ6mm air tube into the air socket at the bottom of the gun body. Ensure the tube can not be pulled out.
2. Insert the power plug into the power socket. Ensure that clickety-click sound can be heard and the wire can not be pulled out. Then plug the adapter into the AC220 or AC110V power socket.

3. Turn on the compressed air valve. Air pressure should be less than 0.5Mpa. Optimal air pressure is 0.35Mpa.
4. Hold the gun and pre switch. Ionized air will be puffed out at the nozzle part. Green light on indicates dust and static remove available.
5. Aim the air outlet to the object surface at a distance from 150mm to 300mm.
6. Input air should be dry and clean.
- 7 Structures

◆ Outline Dimensional Drawing



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. Operator should stop using the nozzle when red light on. Air gun can only be reused after checked by professional technician.
3. Air tube or socket should be changed promptly in case of leakage occurs to ensure the air pressure under normal condition.

Safety

- (1) Be aware to read this user manual carefully before install and use this device.
- (2) Do not locate this device in the environment with high moisture.
- (3) Do not use this device in the flammable and explosive surrounding.

