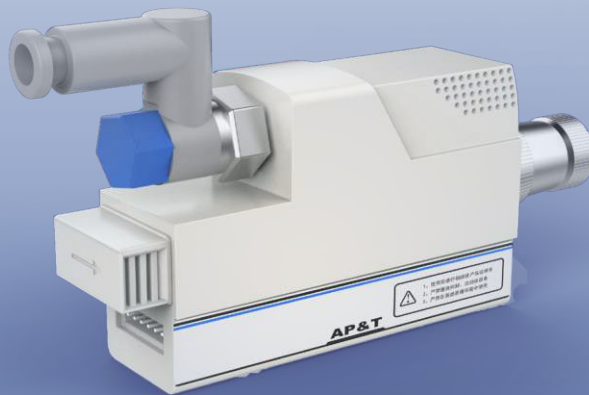


AP&T®

Shanghai Anping Static Technology Co.,Ltd

High Efficiency Static Removal Ionizing Air Nozzle

AP-DC3203





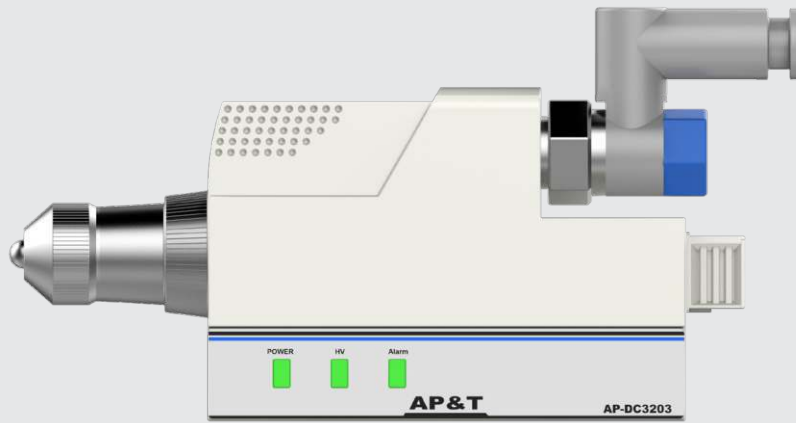
Local Area Static Removal
Completely Dust Removal

Static removal & Dust removal

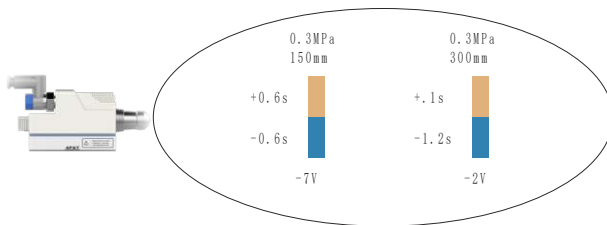


Industry Application:

Precision electronics
Pharmaceutical manufacturing
Semiconductor production
and other industries.



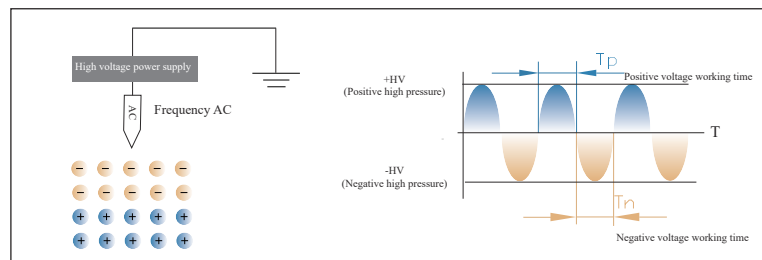
Discharge effect



Test standard: ANSI/ESD.STM3.1, SJ/T 11446—2013
 Test instrument: Trek157 static tester
 Test voltage: $\pm 1000V \rightarrow \pm 100V$ attenuation
 Test environment: humidity 50 \pm 5%; temperature 23 \pm 3 $^{\circ}C$

Working way

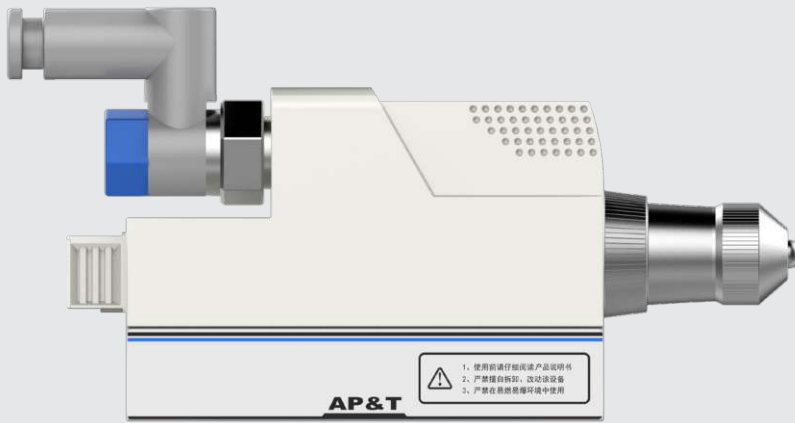
AP-DC3203 ionizing air nozzle adopts high-frequency AC mode which uses compressed air to eject positive and negative ions from the nozzle and realize static elimination with excellent ion bar.



Industry applications

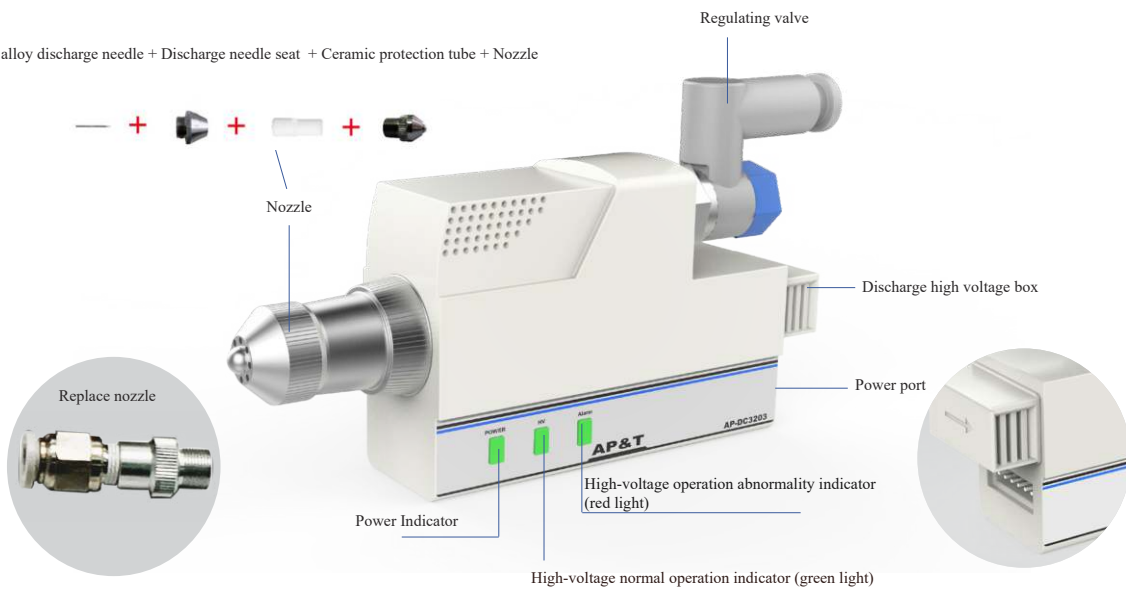
Widely used in precision electronics, pharmaceutical manufacturing, semiconductor production and other industries.





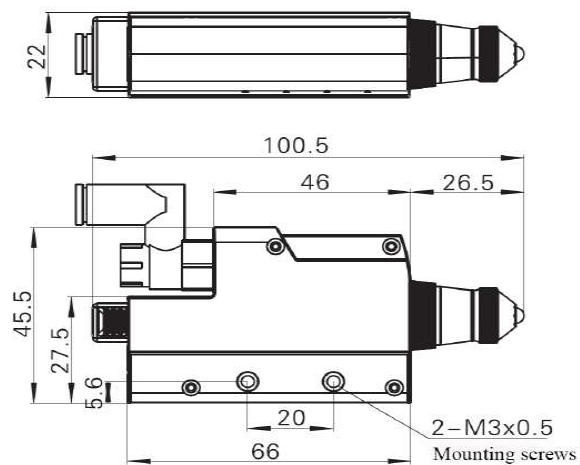
Product details

Tungsten alloy discharge needle + Discharge needle seat + Ceramic protection tube + Nozzle



Product size chart

Unit : mm



Specification

Model	AP-DC3203
Input voltage	DC24V
Working Voltage	High frequency AC2200V
Current	500mA
Power	12W
Working distance	150-300mm
Discharge speed	< 1.0s (150mm from the front of the air nozzle)
Ion balance	$\leq \pm 15$ (150mm from the front of the air nozzle)
Working temperature	0-40°C
Working humidity	30-70%RH (no water drop condensation)
Air pressure	0.1-0.6MPa
Ion emission	High frequency AC
Ozone thickness	< 0.03ppm
Adapter power	IN: AC100V—240V 50Hz/60Hz; OUT: DC24V 0.5A
Compressed air connector	Φ6mm
Media used	Clean compressed air
Noise	<100db (150mm from the front of the air nozzle, air pressure 0.1MPa)
Dimensions (L*W*H)	Nozzle: 104.5*56.5*22mm Size will be slightly different according to different types of nozzles.
	Power adapter: 74.2*29.5*62.2mm
	Adapter power cord length: 1.5m
Net weight	Nozzle: 90g
	Power adapter: 69.3g
	Power cord: 73.3g
Gross weight	449.2 g

Maintenance

1. Remove the stainless-steel nozzle and ceramic protective tube at the outlet of the ion nozzle according to the figure above and observe the exposed alloy electrode. It should be replaced to ensure the effectiveness of static removal if it appears round and blunt,
2. stop using when the red indicator light on. Re-use can be done only after professional maintenance personnel check and repair.
3. Please replace in time to ensure normal air pressure if leakage of air supply pipe and socket is found.
4. The alloy electrode in the nozzle is consumable and not within the scope of warranty. User will be charged when replacement is required.

After-sales service

- 1.AP-DC3203 high frequency ion nozzle has undergone rigorous testing and aging treatment before ex-work and its performance fully meets the relevant indicators marked in the instructions for use.
- 2.Manufacturer will repair or replace any defective parts that have been inspected for free within one year from the date of purchase.

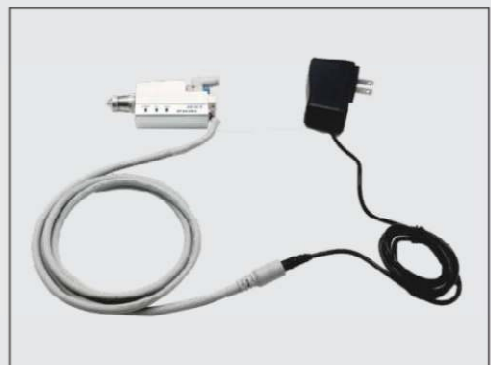
However, this commitment does not apply to the following situations:

- The equipment is misused and installed;
- Damage caused by negligence and accident during use;
- It has been altered, disassembled or repaired by other service departments not authorized by Anping Company.

3.AP&T does not assume any obligations and related responsibilities of product users except for the repair or replacement of parts within this regulation.

Installation steps

1. Please insert the $\Phi 6\text{mm}$ compressed air hose into the air connector jack with regulating valve at the rear of the air nozzle before using.
2. Please Insert the 6P plug of the 6P to DC power cable into the air nozzle 6P socket and the power adapter aviation plug into the 6P to DC power cable DC jack and then insert the power adapter into the AC 220V or 110V power socket.
3. Adjust the air joint throttle valve, the air pressure should be $\leq 0.6\text{MPa}$ and the best air pressure is 0.3MPa .
4. Observing that the green power indicator of the nozzle is on, then the nozzle is working normally and the static electricity removal operation is performed.
5. The air outlet of the ionizing air nozzle is vertically aligned with the surface of the static-eliminated object, preferably about 150mm-300mm apart.
6. The compressed air used should be dry and clean.



AP&T®

Specialty Concrete Value

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