

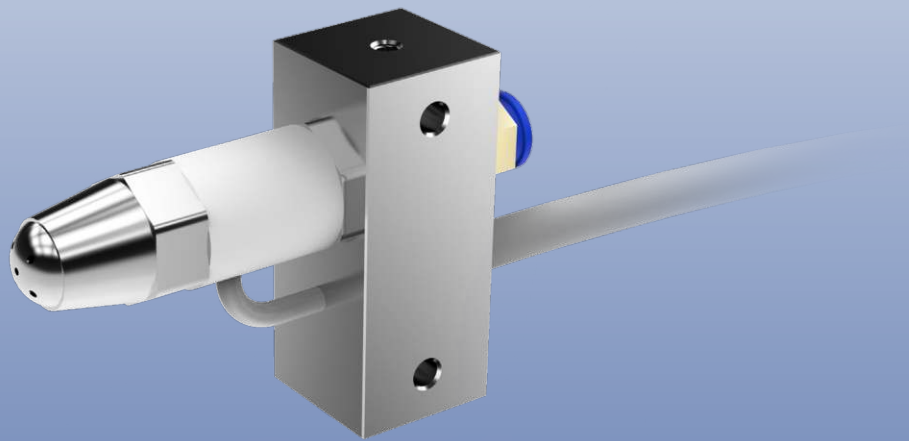
**AP&T**<sup>®</sup>

Shanghai Anping Static Technology Co.,Ltd

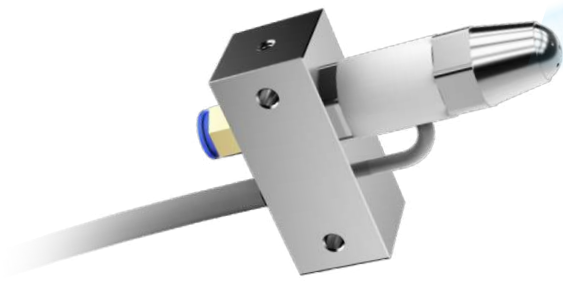
# High Efficiency Static Removal

## Ionizing Air Nozzle

AP-AC2454-A



— AP&T —



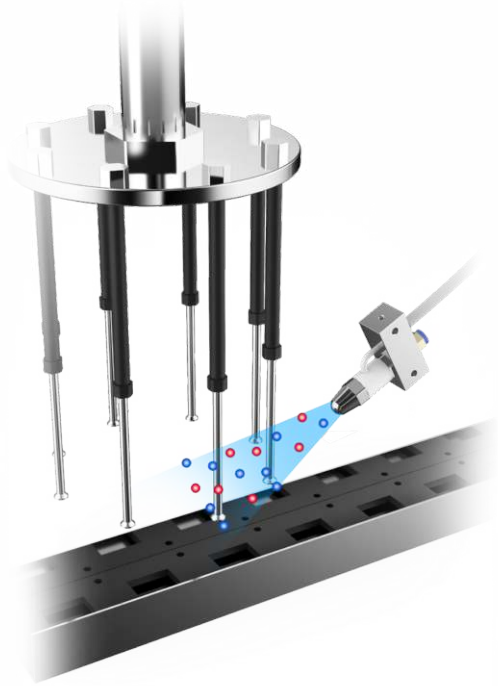
Local Area Static Removal

Completely Dust Removal

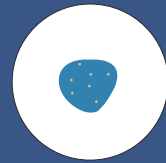
Static Removal & Dust Removal

# Application

Electronics, injection molding, printing,  
film and other industries



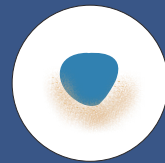
Static removal



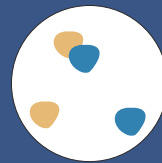
Prevent adhesion of foreign objects



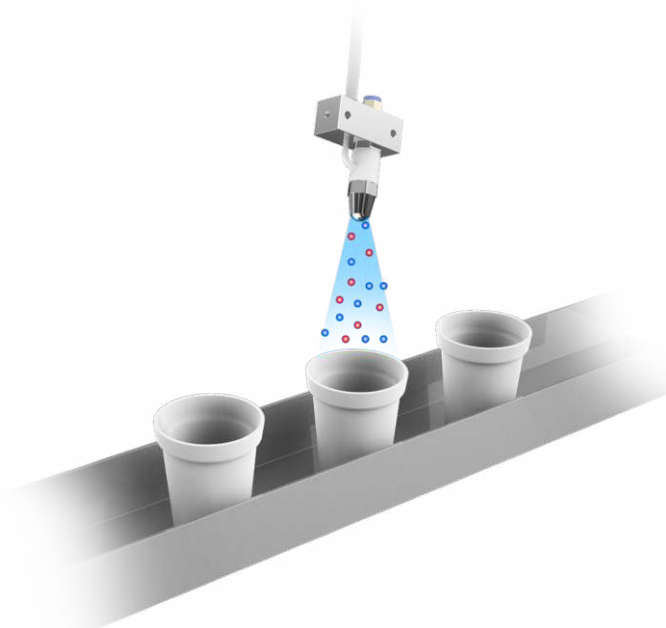
Prevent sticking



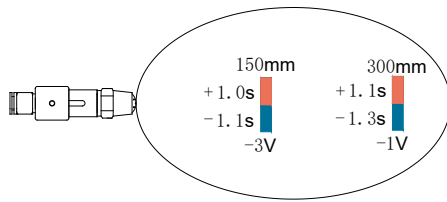
Remove surface dust



Prevent uneven scattering



## Discharge effect



Test standard: ANSI/ESD.STM3.1, SJ/T 11446—2013

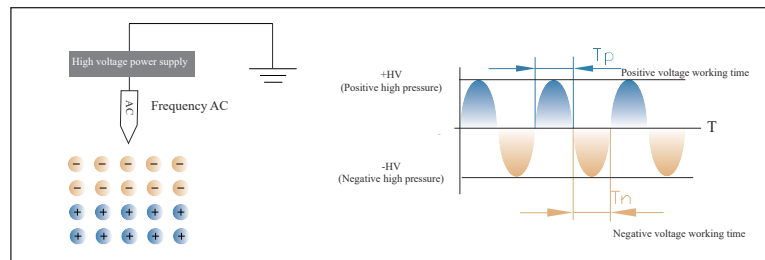
Test instrument: Trek157 static tester

Test voltage:  $\pm 1000V \rightarrow \pm 100V$  attenuation

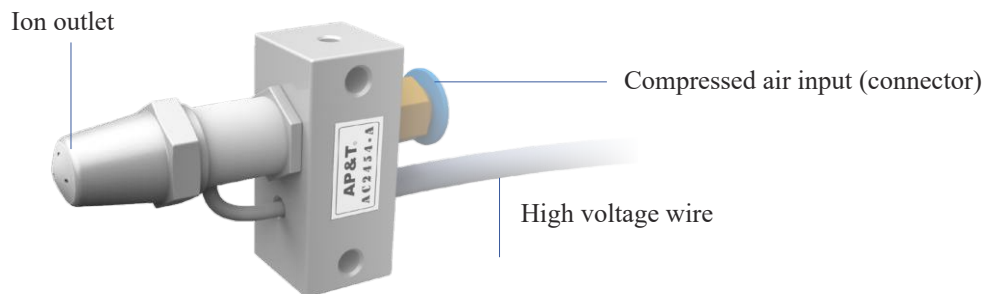
Test environment: humidity  $50\pm 5\%$ ; temperature  $23\pm 3^\circ C$

## Working way

AP-DC3203 ionizing air nozzle adopts the AC method which uses compressed air to eject positive and negative ions from the nozzle. Ionizing air nozzle can remove static electricity from point to surface.



## Panel introduction



## Installation steps

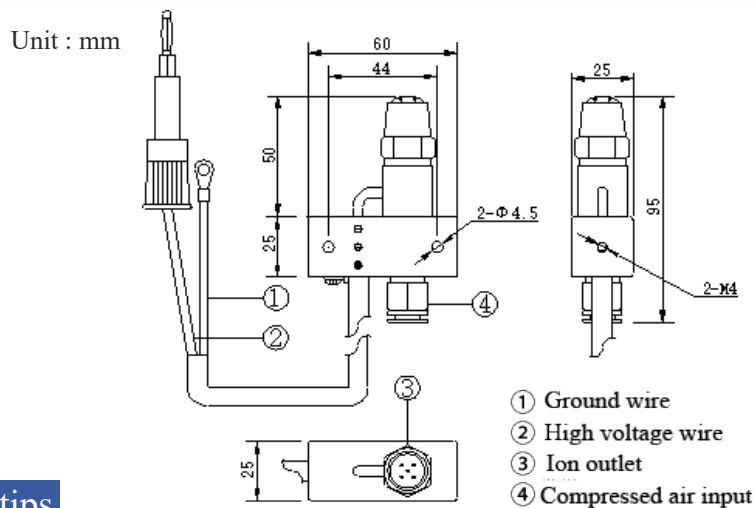
- ① Set the best static discharge position of ionizing air nozzle and install it firmly.
- ② Insert the  $\phi 8$  compressed air tube into ionizing air nozzle.
- ③ Connect the high-voltage connection wire and ground wire of ionizing air nozzle to the high-voltage power supply.
- ④ Insert the plug of power cord into the socket of high voltage power supply.
- ⑤ Turn on the high-voltage power switch and the indicator lights to show work.



## Specification

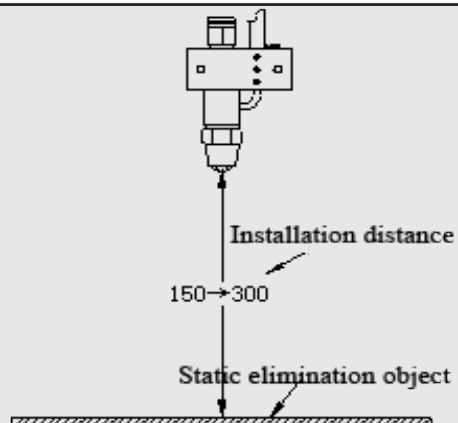
Model	AP-AC2454-A
Input voltage	AC220V/50Hz or AC110V/60Hz
Working voltage	AC2800V
Discharge distance	150—300mm
Power	20W
Discharge speed	≤2.0s (150mm from the front of the ionizing air nozzle, the air pressure is 0.3MPa)
Ion balance	≤ ±30V  (150mm from the front of the ionizing air nozzle)
Wire length	2.5M (Can be customized)
Working temperature	0—50°C
Working humidity	30—70%RH
Media used	Clean compressed air
Ozone thickness	< 0.05ppm
Compressed air connector	Φ8mm
Air pressure	0.2—0.6MPa
Noise	<65db (150mm from the front of the ionizing air nozzle, the air pressure is 0.1MPa)
Dimensions	95*25*60mm(L*W*H)
Net weight	400g
Gross weight	480g
Power supply	AP-AC2455-28 series power supply

## Dimensions



## Installation tips

- ① It should be placed in the working area where static electricity is eliminated, which is about 150-300mm away from the surface of the static electricity object and the installation angle should be perpendicular to the surface of the discharged body.
- ② The entire device must be reliably connected to the ground wire and the ground resistance is less than 1 ohm.
- ③ The surface of the ionizing air nozzle is not allowed to be covered by other objects.
- ④ Two ionizing air nozzles should be installed side by side with an interval of more than 30cm and more than 20cm away from obstacles such as walls.



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## Speciality Creates Value

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