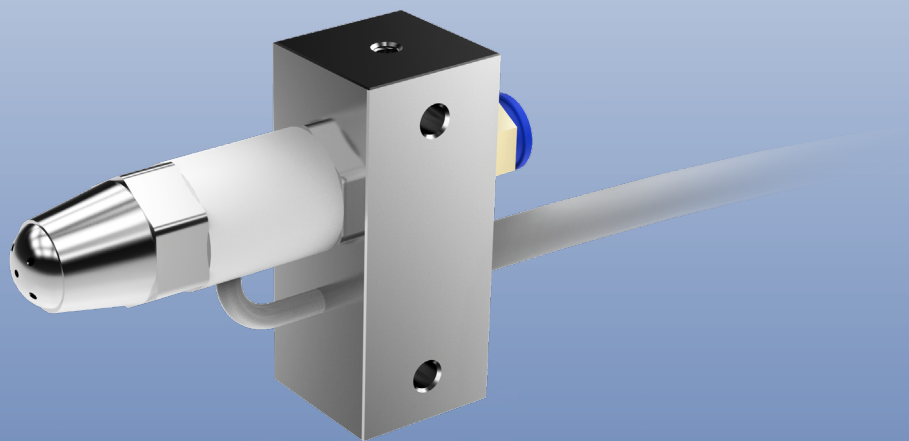
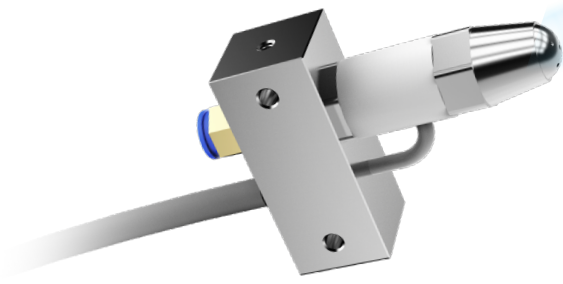


Efficient Static Removal

Ionizing Air Nozzle

AP-AC2454-A





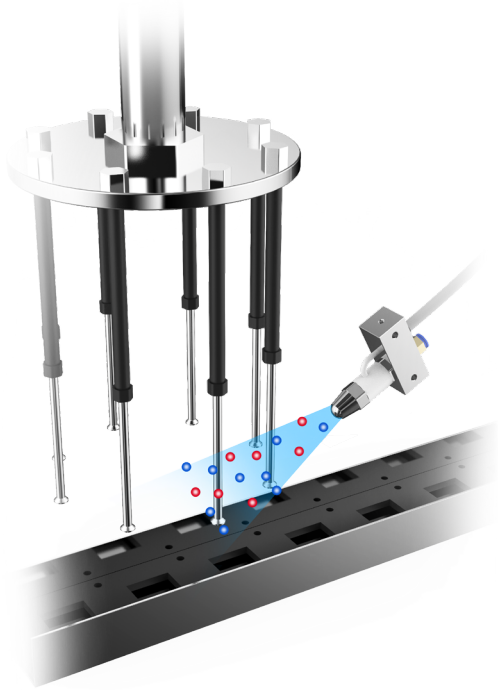
Partially Static Removal

Completely Dust Removal

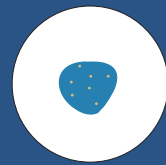
Static Removal & Dust Removal

APPLICATION

Electronics, injection molding, printing,
film and other industries



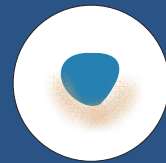
Static removal



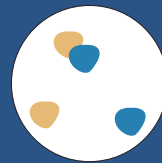
Prevent adhesion of foreign objects



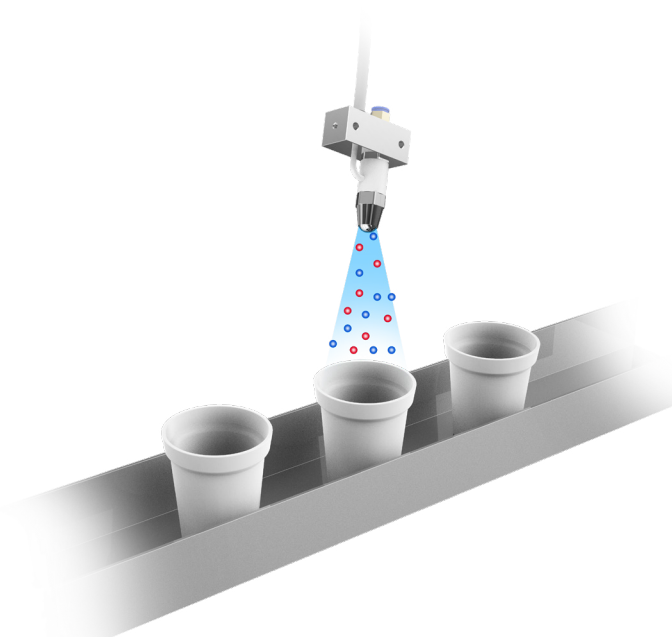
Prevent sticking



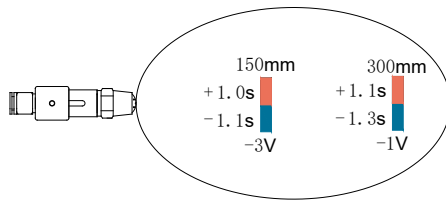
Remove surface dust



Prevent uneven scattering



Discharge effect



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

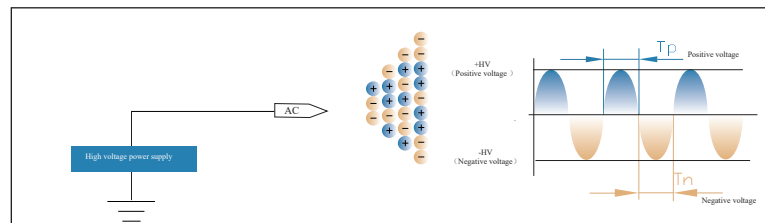
Test instrument: Trek157 static tester

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

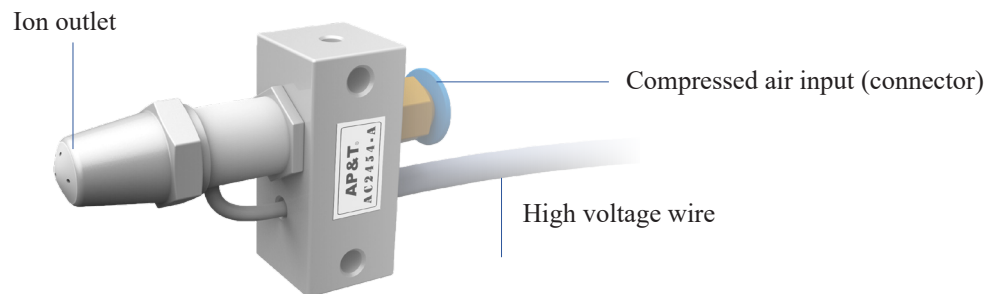
Test environment: humidity $50 \pm 5\%$; temperature $23 \pm 3^\circ C$

Working way

AP-DC3203 ionizing air nozzle adopts the AC method, which uses compressed air to eject positive and negative ions from the nozzle. With excellent ion balance, it can remove static electricity from point to surface.



Panel introduction



Installation steps

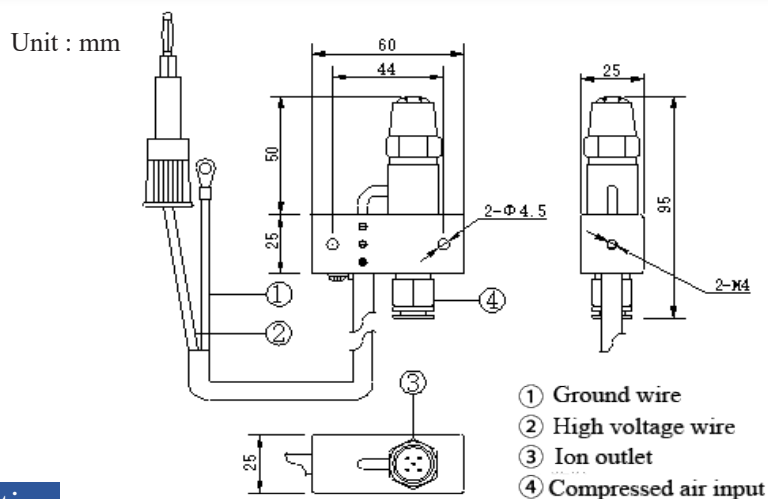
- ① Reasonably set the best power dissipation position of the air nozzle and install it firmly.
- ② Insert the $\phi 8$ compressed air tube into the air nozzle.
- ③ Connect the high-voltage connection wire and ground wire of the air nozzle to the high-voltage power supply.
- ④ Insert the plug of national standard 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.



Product parameters

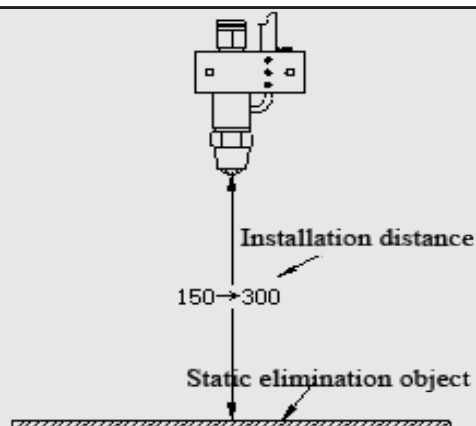
Model	AP-AC2454-A
Input voltage	AC220V/50Hz or AC110V/60Hz
Working voltage	AC2800V
Discharge distance	150—300mm
Power	20W
Discharge speed	≤2.0s (150mm from the front of the ionizing air nozzle, the air pressure is 0.3Mpa)
Ion balance	≤±50 (150mm from the front of the ionizing air nozzle)
Wire length	2.5M (Can be customized)
Working temperature	0—50°C
Working humidity	30—70%RH
Use media	Clean compressed air
Ozone content	< 0.05ppm
Air source 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
Supporting power supply	AP-AC2455-28 series power supply

Dimensions



Installation tips

- ① It should be placed in the work area where static electricity is eliminated, which about 150-300mm away from the surface of the static electricity object and the installation angle should be perpendicular to the surface of the charged body.
- ② The entire device must be reliably connected to the ground wire of the AC device and the ground resistance is less than 1 ohm.
- ③ The surface of the ionizing air nozzle is not allowed to cover other objects.
- ④ The two ionizing air nozzle 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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