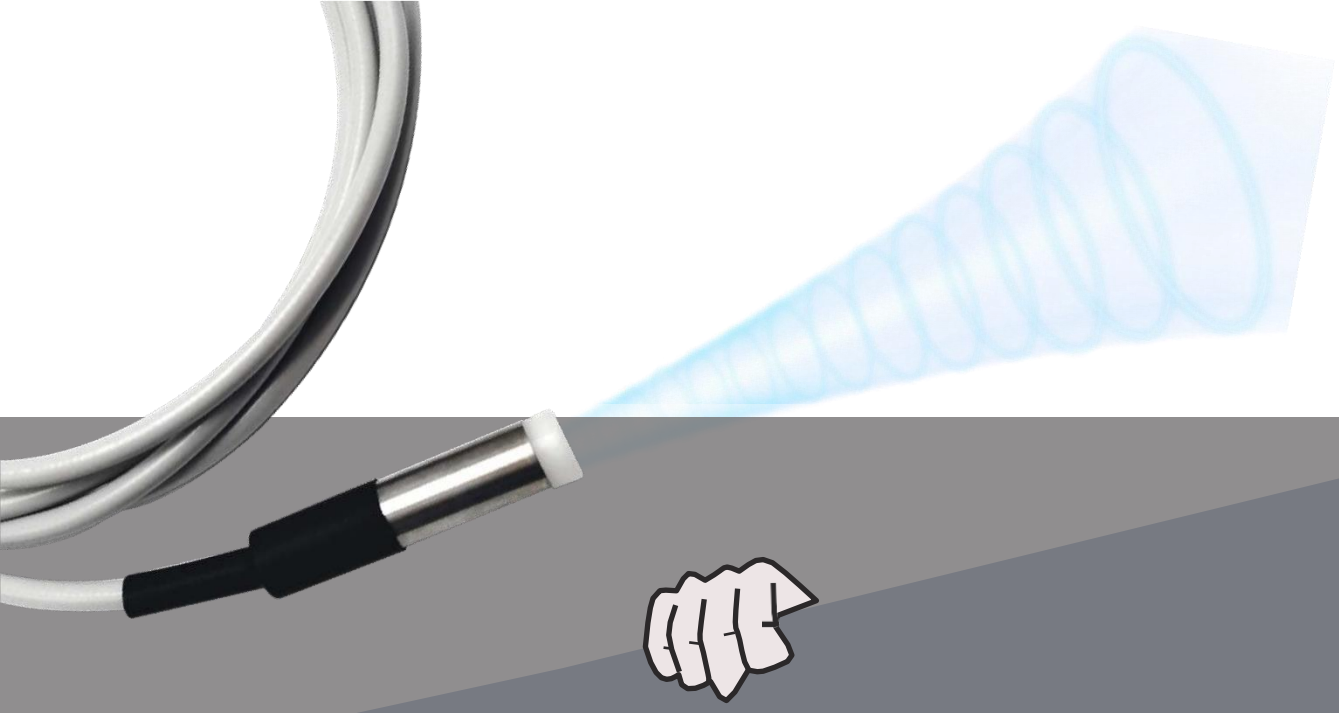
AP&T®

Electroshock-proof Static Remove

Mini Ion Pen

AP-AZ5203

AP&T

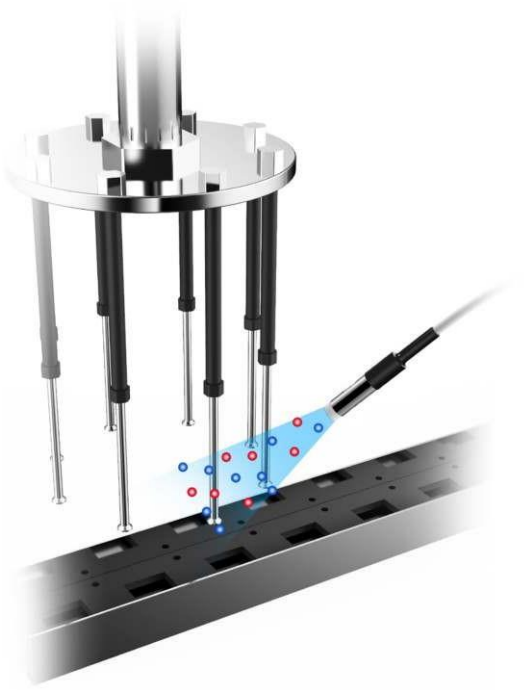


Local Area Static Removal

Suitable For Small Spaces

Application

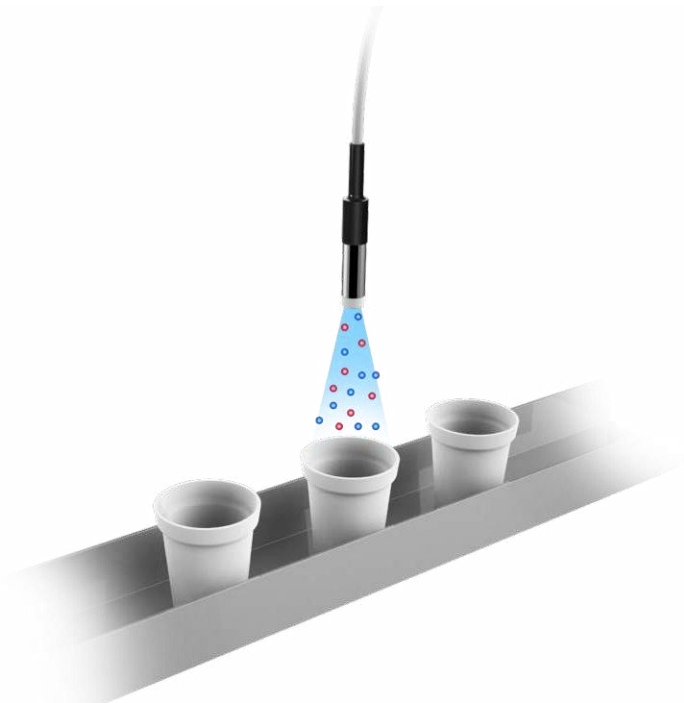
Labeling, printing, plastics and other industries



Static removal

Prevent adhesion of foreign objects

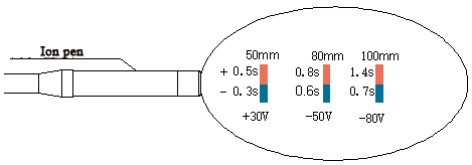
Prevent sticking



Remove surface dust

Prevent uneven scattering

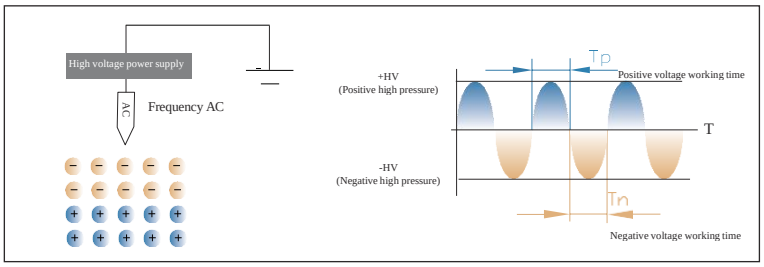
Discharge effect



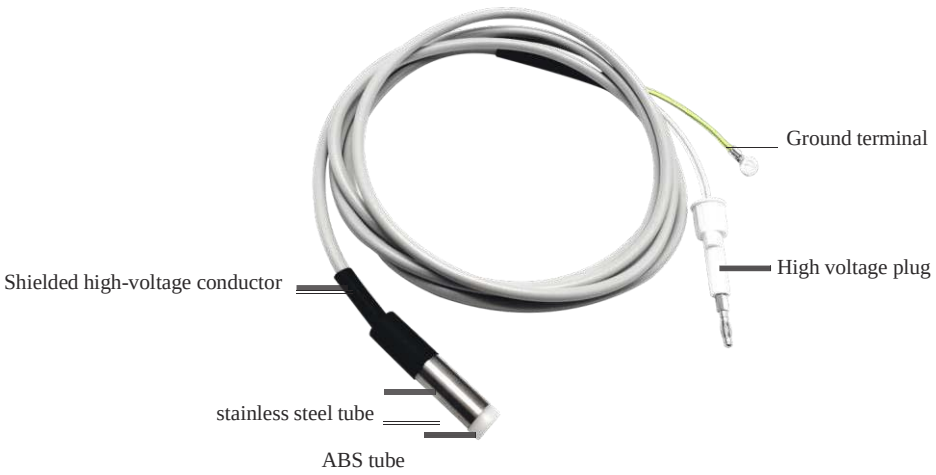
Test standard: ANSI/ESD.STM3.1, SJ/T 11446—2013
Test instrument: Trek157 static tester
Test voltage: ±1000V → ±100V attenuation
Test environment: humidity 50±5%; temperature 23±3℃

Working way

Ion pen adopts power frequency AC high voltage and uses special emitting electrodes to ionize air molecules into positive and negative ions and transport them to the surface of electrostatic objects to neutralize positive and negative charges for static removal effectively and reliably.

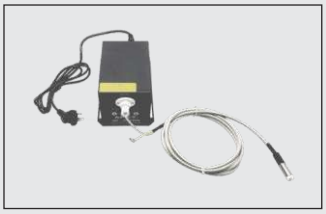


Product details



Installation steps

① Firmly install ion pen and matching high-voltage power supply in the best discharging position.
② Insert the high-voltage plug of ion pen into the matching power supply high-voltage output connector.
③ Connect the grounding terminal of ion pen to the grounding stud of the high-voltage power supply .
④ Turn on the high-voltage power switch and the indicator lights to show work.
Then positive and negative air ions will be generated at the electrode needle to neutralize the static electricity on the surface of the object.

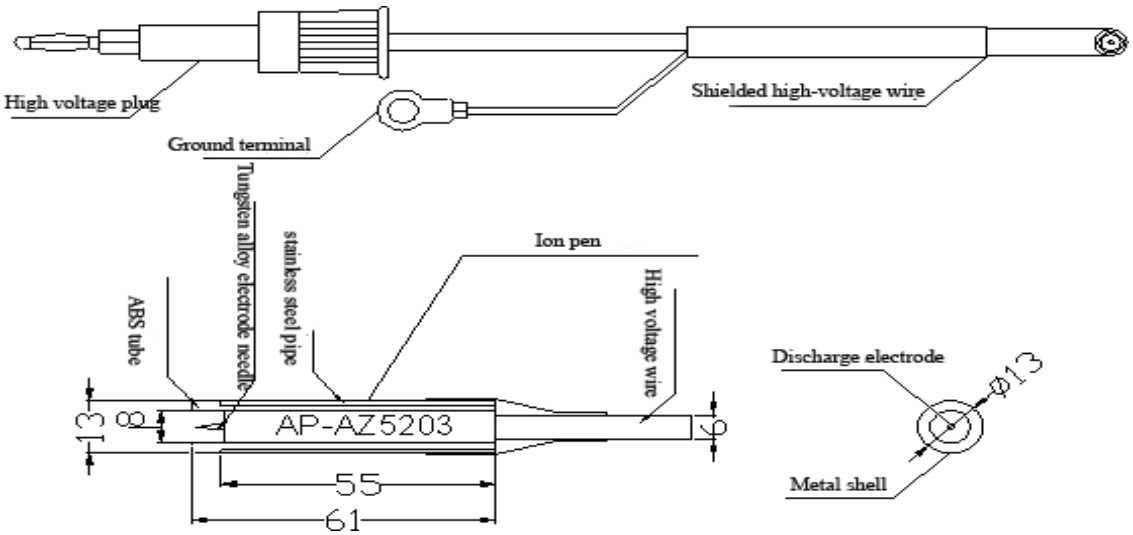


Specification

Model	AP-AZ5203
Working voltage	AC5600V
Power	20W
Discharge distance	30 — 70mm
Ion balance	≤ ｜ ±100V ｜
Discharge speed	≤2.0S
Working temperature	0℃-50℃
Working humidity	≤70%RH
Power cord	2.5M (can be customized according to requirements)
Power supply	AP-AY1505/2505

Dimensions

Unit : mm



Installation tips

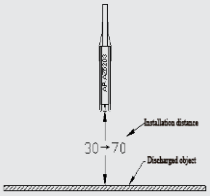
① Ion pen should be placed in the working area where static electricity is eliminated.(about 30~70mm away from the surface of the static electricity object is better) The installation angle should be perpendicular to the surface of the discharged body.

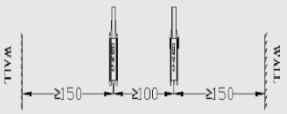
② Keep ion pen away from the metal conductor and metal grounding body around the electrode.

③ Ion pen and high-voltage power supply must be reliably connected to the ground wire of the AC equipment and the grounding resistance is less than 1 ohm.

④ The surface of ion pen is not allowed to be covered by other objects.

⑤ Two ion pens should be installed side by side with an interval of more than 10cm and more than 15cm away from obstacles such as walls.





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Speciality Creates Value