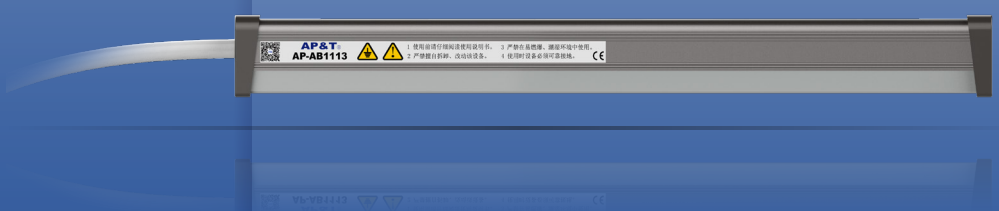
AP&T®

Shanghai Anping Static Technology Co.,Ltd

High Efficient Electroshock-proof

AC Ion Bar

AP-AB1113



—AP&T—

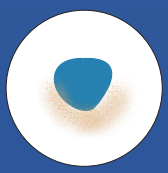
Widely used in textile, plastic, film, printing industry

Effectively solve the problem caused by static electricity

Static removal

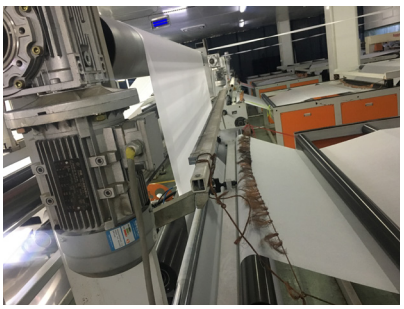
Prevent adhesion of objects

Prevent sticking

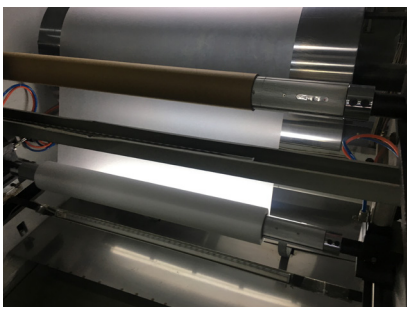


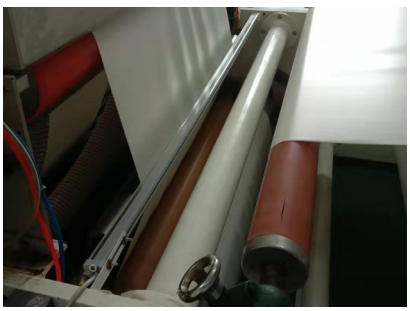
Control ink splashing

Prevent uneven scattering



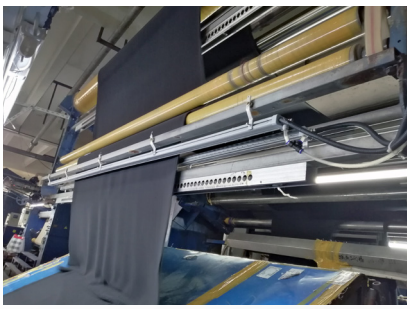
High efficient

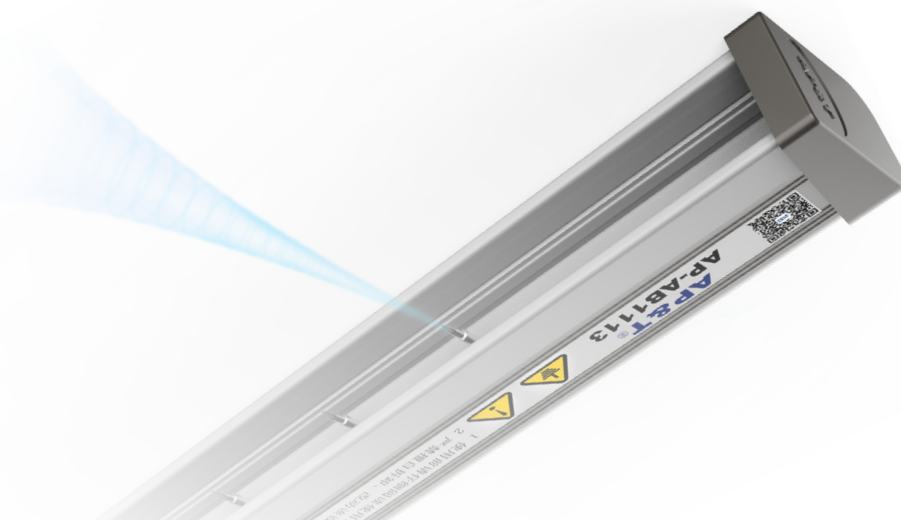




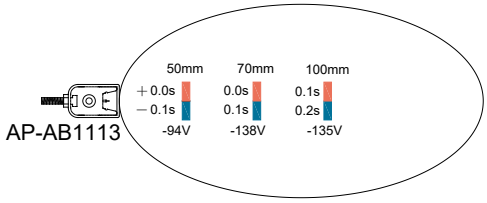
Safe

Static removal





Discharge effect



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

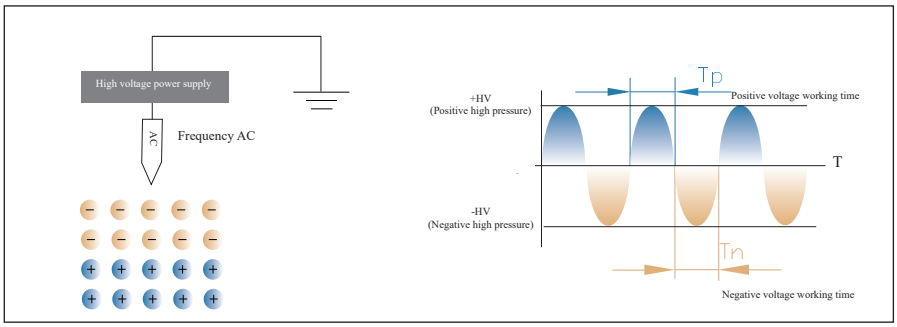
Test instrument: Trek157 static tester

Test voltage: ±1000V → ±100V attenuation

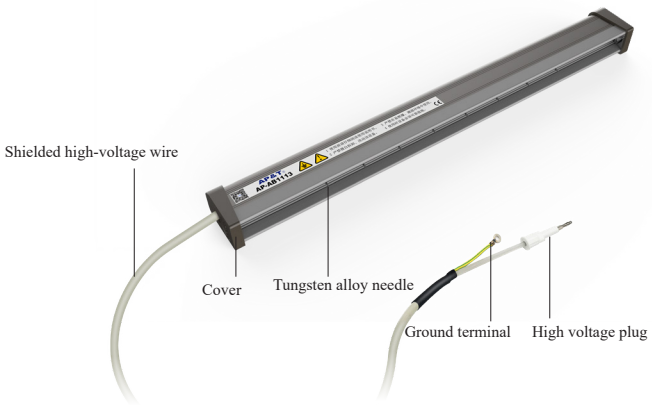
Test environment: humidity 50±5%; temperature 23±3℃

Working way

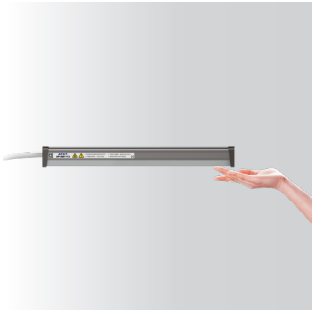
AP-AB1113 ion bar adopts frequency AC high voltage and acts on the dedicated emitter electrode through impedance coupling devices to ionize air molecules to generate positive and negative ions and transport them to the surface of the object to be eliminated to neutralize positive and negative electrostatic charges to achieve efficient and reliable static elimination.



Details



Features



No.1

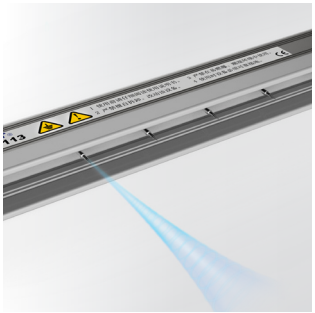
Electroshock-proof

Protection against electroshock.

No.2

Esay to installate

Put the M4×20 hexagonal mounting bolts into the special strip notch on the back of the rod body.
The mounting bolts are removable and can be easily installed in different environments.



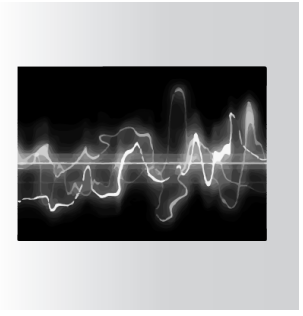
No.3

Standard tungsten alloy needle

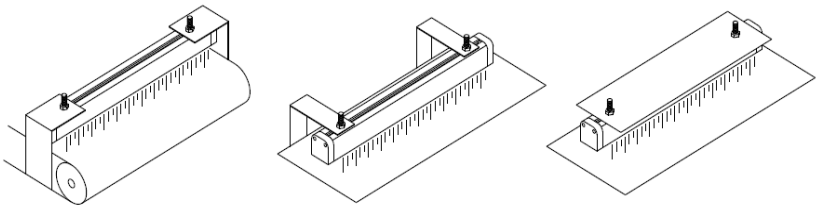
Tungsten alloy has a longer service life compared with titanium and silicon materials.

CE certification

It can effectively prevent the external electromagnetic interference from affecting the normal operation of the ion bar.

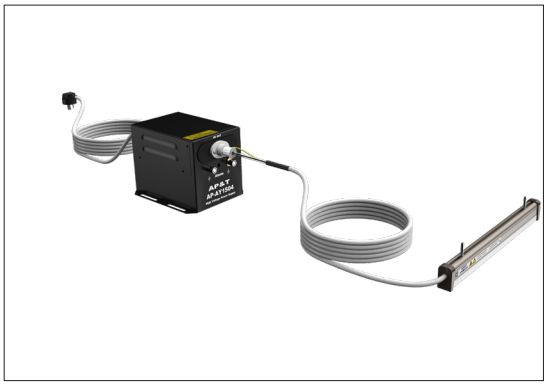


Installation



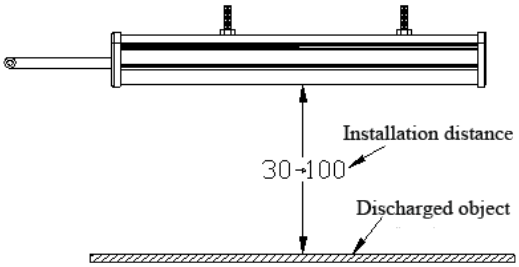
Installation steps

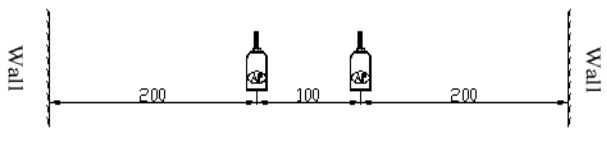
1. Firmly install bar body and matching high-voltage power supply in the best discharging position.
2. Insert the high-voltage plug of bar body into the matching high-voltage power supply high-voltage output connection seat.
3. Connect the grounding terminal of bar body to the grounding stud of the high- voltage power supply.
4. Connect the compressed air connector on bar body to the compressed air generating device.
5. Turn on the power switch and positive and negative ions will be generated at the electrode needle to neutralize the static electricity on the surface of the object.



Installation tips

1. Ion bar should be placed in the working area where static electricity is to be eliminated.
   (It's better to be about 30~100mm away from the surface of the static discharge object) The installation angle should be perpendicular to the surface of the discharged body.
2. Ion bar should be at least 30mm away from the metal conductor and metal grounding body. The bar body must be reliably connected to the grounding wire.
3. The surface of the ion bar is not allowed to be covered by other objects.
4. The distance between two ion bars should be more than 100mm and more than 200mm away from obstacles such as walls.

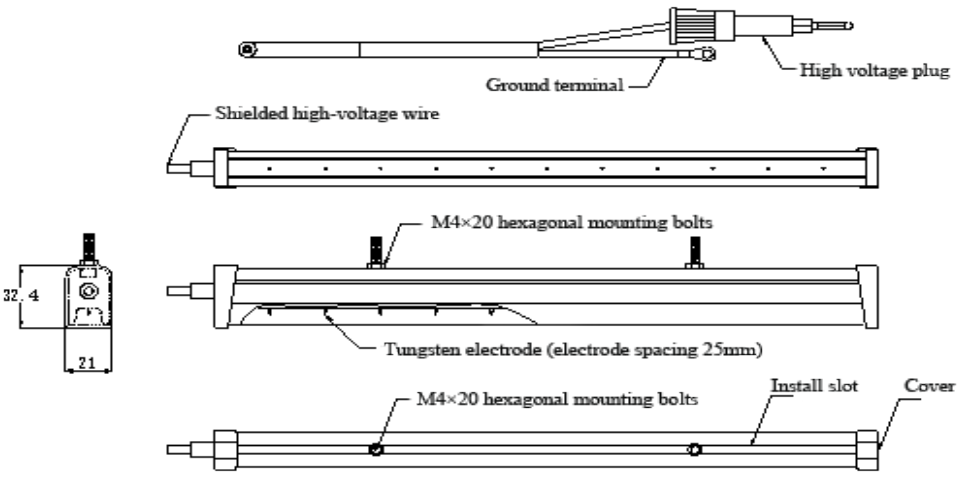




Specification

Model	AP-AB1113
Working voltage	one bar length ＜ 1m or two bars length ＜ 1m：AC5600V one bar length ≥ 1m or two bars length ≥ 1m：AC7000V
Power	20W
Ion emission	Power frequency AC
Emitter electrode	SUS
Discharge structure	Resistance coupling
Discharge range	L*W*H（150mm→3000mm）*300mm*100mm
Installation distance	30→100mm
Ion balance	≤|±30V|（AVE）
Discharge speed	≤1.0S (Test distance:100mm)
Working temperature	0℃ - 50℃
Working humidity	＜ 70%
Dimensions	L*W*H（150mm→3000mm）*20.4mm*32mm
Bar material	Flame retardant PVC, AL
Packaging accessories	M4×20 hexagonal mounting bolts
Power supply	AP-AY1506 : one bar length ＜ 1m； AP-AY2506 : two bars length ＜ 1m AP-AY1504 : one bar length ≥ 1m； AP-AY2504 : two bars length ≥ 1m
Power cord	2.5m (Can be customized according to requirements, Max size is 10m)
Warranty	1 year
Certification	CE

Dimension



AP&T®

Speciality Creates Value

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