

SPECIALITY CREATES VALUE

Electrostatic Elimination and Monitoring Products

STATIC
CONTROL
SOLUTION

Shanghai Anping Static Technology Co.,Ltd

Tel: +86 13601723618

Website: www.ap-static.com

Address: Floor 3-4/F, Building 27, No.69, Guiqing
Road, Shanghai, China



ABOUT US

Founded in 1999, Shanghai Anping Static Technology Co., LTD., is a high-tech enterprise with integrating R&D, production, sales and technical services.

Our company is a professional static analysis, intelligent monitoring and elimination solutions provider.

Our products are widely used in electronics, printing, packaging, textile, semiconductor, medical equipment, plastic film and many other industries.

We have reached cooperations with thousands of customers, including many well-known enterprises domestic and overseas.

We are committed to providing high quality products and services, creating values with our speciality for our partners.



ENTERPRISE QUALIFICATION

■ Patents



■ Qualification Certificate



■ Explosion-proof Certificate



CONTENTS

01	STATIC SENSOR SERIES	
	AP-YV3302/03-----	01
	AP-KS9302-----	03
02	STATIC SENSOR SERIES	
	AP-YV1301/1302/1303-----	04
	AP-YF1201-----	04
03	ION BAR SERIES	
	AP-AB1206-----	05
	AP-AB1216-----	07
	AP-AB1218-----	09
	AP-AB1226-----	11
	AP-AB1228-----	13
	AP-AB1238-----	15
	AP-DB1227-----	17
	AP-DB1229-----	19
	AP-DB1233-----	21
	AP-AB1103-----	23
	AP-AB1108-----	25
	AP-AB1113-----	27
	AP-AB1123-----	29
	AP-AB1602A-----	31
AP-DC5602-----	33	
04	IONIZING AIR BLOWER SERIES	
	AP-DC2451-001-----	35
	AP-DC2453-----	37
	AP-AC2459-----	39
	AP-AC2452 SERIES-----	41
	AP-DJ271X SERIES-----	44
	AP-DJ281X SERIES-----	47
AP-DJ1811-----	50	
05	DUST REMOVAL SERIES	
	AP-DC3203-----	52
	AP-AC2454-A-----	53
	AP-AZ1211-----	53
	AP-AZ3201-----	54
AP-AZ5203-----	54	



AP-YV3302/03

INTELLIGENT STATIC SENSOR

Product Profile

The smart static sensor developed by AP&T features non-contact vibration capacitance electrostatic detection technology. It automatically detects the electrostatic charge on the surface of objects and transmits the monitoring data in real-time to a PC for data collection and storage. It is equipped with an electrostatic alarm threshold; exceeding this threshold triggers a red light warning.



Technical Parameters

Specifications

NO.	Parameter	
	AP-YV3302	AP-YV3303
1	Working voltage	DC8-24V
2	Working current	< 50mA
3	Sampling time	About 1ms
4	Vibration	< 1KHz
5	Noise	< 5dB
6	Signal output	RS485(115200bps,8,1,n,n) (≥ 20ms) Open Collector (<50V/100mA)
7	Communication distance	< 300m
8	Alarm indication	LED
9	Threshold setting	0 ~ ±5000V
10	Detection angle	< 15°
11	Test plate size	600mm X 600mm
12	Startup stand-by time	5s
13	Infrared control distance	< 20°, 1m
14	Dimensions	44*33*85mm / 24*22*102mm
15	Net weight	About 49.7G / About 47.4G

Corresponding static voltage range and minimum resolution by each detection distance:

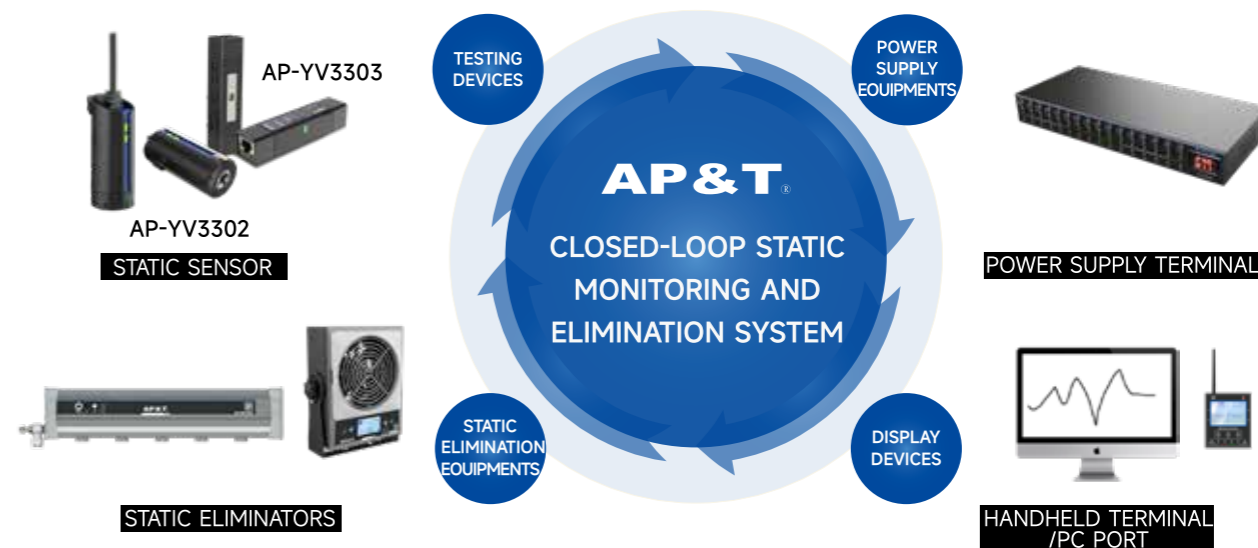
AP-YV3302							
Detection gear	Distance coding	Detection distance	Measuring range	Resolution	Deviation	Zero jump	Calibration
1	0	5mm	±2000V	1V	10%	±1V	*
	1	10mm	±4000V	3V		±3V	
	2	25mm	±10000V	5V		±5V	
	3	50mm	±15000V	10V		±10V	
	4	100mm	±20000V	10V		±10V	
	5	150mm	±20000V	10V		±20V	
	6	200mm	±20000V	15V		±30V	
2	7	250mm	±20000V	20V	±40V	*	
	8	300mm	±20000V	10V	±20V		
	9	350mm	±20000V	15V	±30V		
3	A	400mm	±20000V	15V	±30V	*	
	B	450mm	±20000V	15V	±30V		
	C	500mm	±20000V	10V	±30V		
	D	550mm	±20000V	15V	±30V		
	E	600mm	±20000V	15V	±60V		
	F	700mm	±20000V	20V	±80V		

Wiring information of network interface

Network interface		
1, 2	Orange, White -orange	VCC
3	Blue	RS485+B
4	White-blue	RS485+A
5, 6	Green, White-green	GND
7	Brown	NPN-C1
8	White-brown	NPN-C2
9	Metallic shield shell	PE

* Due to the improvement and upgrading of the product, the specification and performance of the product may be changed; Subject to the real product and please understand that notice cannot be given in advance.

Closed-loop electrostatic monitoring and elimination system



Product Size

①、AP-YV3302

Dimensions: < 44*33*85mm (L*W*H)

Net weight: About 49.7g

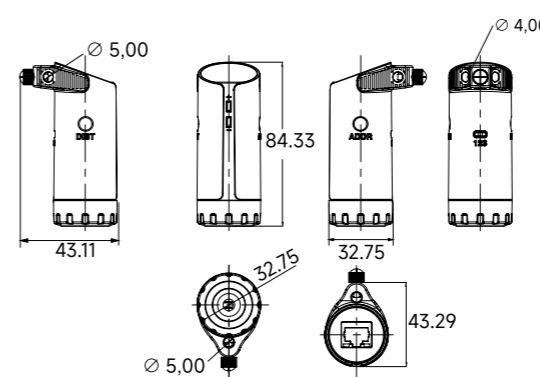


Figure 1-1

②、AP-YV3303

Dimensions: < 24*22*102mm (L*W*H)

Net weight: About 47.4g

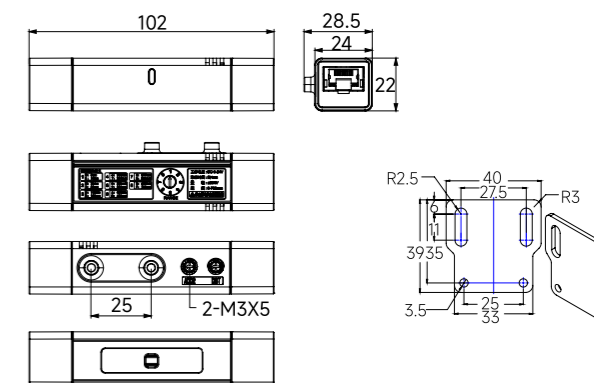


Figure 2-1

Figure 2-2

Industry Application

Widely used in electronics, optoelectronics, plastics and other industries.



AP-KS9302

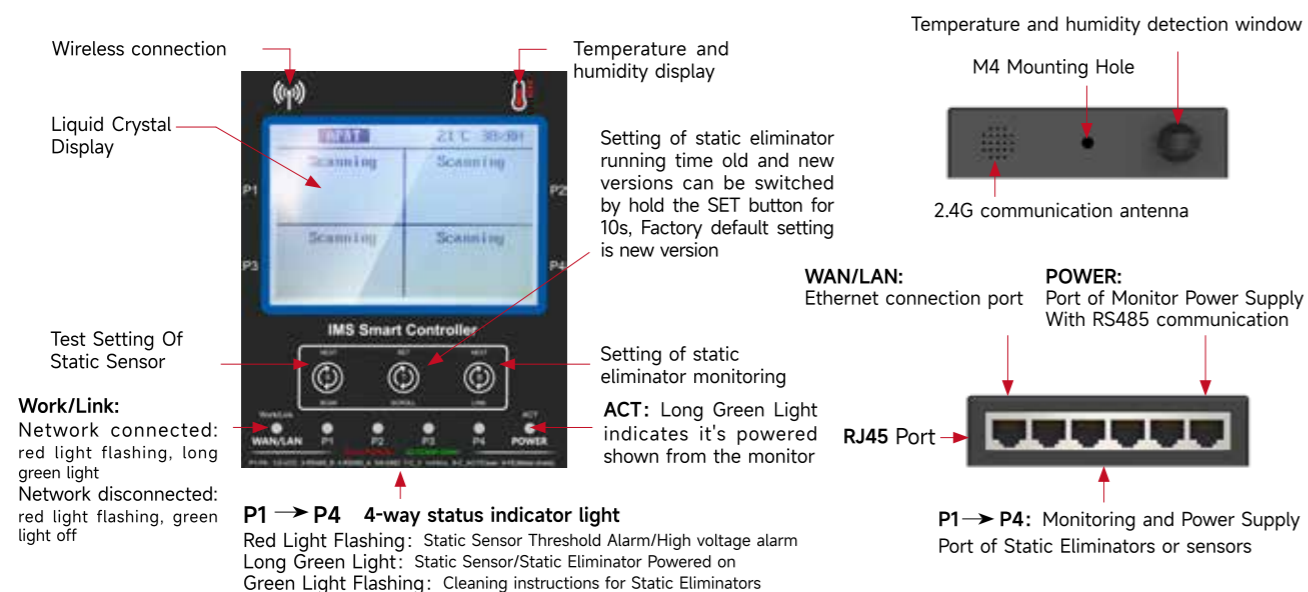
ELECTROSTATIC MONITORING SYSTEM TERMINAL

Product Profile

The AP-KS9302 system monitoring terminal is a monitoring display of the static monitoring and elimination system produced by AP&T, and is used for monitoring the working state of the pulsed DC ion fan, the pulsed AC ion bar, and the electrostatic sensor.

System monitoring terminal (AP-KS9302), also known as IMS intelligent monitor, can provide 4 communication network transmission, support the Features of LAN/WAN connection, flexibly configure real-time monitoring static electricity detection and elimination equipment, realize power supply, data interaction, real-time display, linkage, etc.

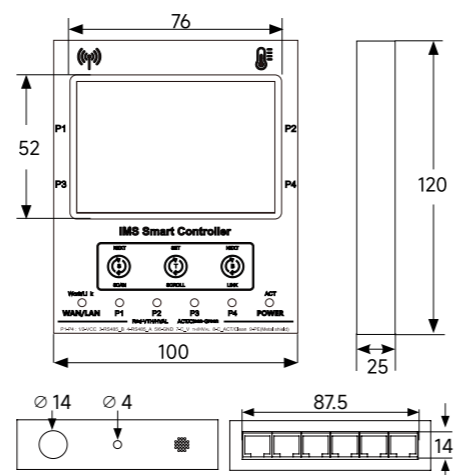
Function introduction



Product Parameter

NO.	Specifications
1	Adapter IN:AC85-240V OUT:24V 2A
2	Product size 100*120*25
3	Indication LED
4	Digital display 3.5 Inch COG, monochrome
5	Working environment Temperature: 0-50°C; Humidity: 30-70%RH
6	Product network port 4 port: P1-P4
7	Network port definition
8	Communication network port WAN/LAN
9	Power network port POWER
10	Net weight 400g
11	Gross 500g

Product Size



AP-YV1301/1302/1303

AP-YF1201

PORTABLE STATIC METER



Product Profile

This product is a handheld meter that can measure the static electricity value on the surface of objects. It uses non-contact measurement technology to accurately detect the static value on the surface of objects. The AP-YF1201 instrument features intrinsic safety explosion-proof capabilities and can be used in explosive hazardous environments corresponding to, or lower than, the level of EX IB II B T5 GB.

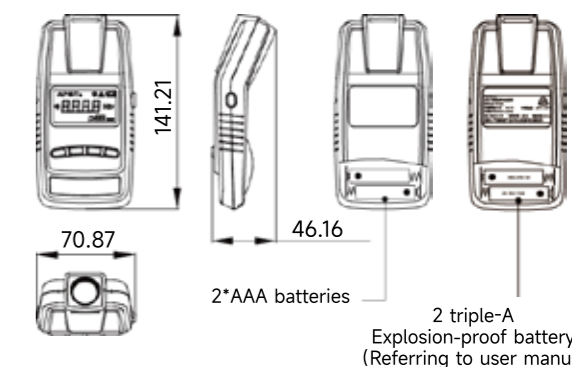
Product Parameter

Name	Static Meter			Explosion-proof Static Meter	
Model No.	AP-YV1301	AP-YV1302	AP-YV1303	AP-YF1201	
Measuring range (KV)	0.001—±2.000	0.01—±20.00	0.1—±200.0	0.001—±2.000	0.01—±20.00 0.1—±200.0
Appearance and colour	Gray shell gray key	Black shell gray key		Gray shell gray key	Black shell gray key
Explosion-proof level	—			Ex ib II B T5 Gb	
Detection accuracy	±10%				
Detection distance	25mm±1.0mm				
Input voltage	DC3V(2*AAA)				
Working current	<100mA				
Power off	Shutdown-Hold the power key for 3s or shutdown automatically after 180s				
Working temperature	-18°C—+50°C				
Working humidity	0—85%RH				
Dimension	141*71*38mm(L*W*H)				
Net weight	146g(including 2 batteries)				
Gross weight	359g±20g(Including 4 batteries and packaging accessories)				
Industry Application	Widely used in electronics, optoelectronics, plastics and other industry				

Product Parameter



Product Dimension



AP-YV1301/1302/1303/AP-YF1201

AP-AB1206

AIR SOURCE ELECTROSHOCK-PROOF PULSED AC ION BAR

Product Profile

AP-AB1206 air-source pulsed AC ion bar uses positive and negative DC high voltage to alternately act on the coupled electrode needle. That is, the DC high voltage source acts on the electrode needle through the coupling device in the AC implementation mode to generate corona discharge, ionizes the air molecules, generates a large number of positive and negative air ions and transmits them to the surface of electrostatic objects by compressed air. Neutralize positive and negative electrostatic charges to achieve efficient and reliable elimination of static electricity on the surface of objects.



Industry Application

Widely used in printing, UV flat plate, printing and other industries.



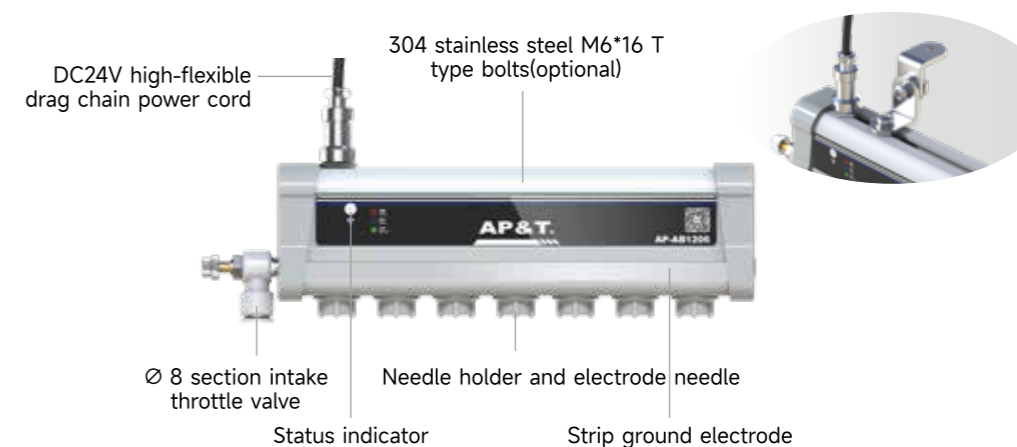
Product Features

01		02	
	Electric shock proof Prevent human from electric shock injuries		High voltage alarm Indicator Red light alarms when high voltage is abnormal
03		04	
	Easy installation Installation accessories of M5 flake slider nuts provided. Take the slider nut into the slot of the ion bar where it can slid to left and right, adaptable for different installation environments		DC 24V Highly-flexible drag chain power cord The aging phenomenon of cables caused by discharges and influence on peripheral devices can be eliminated with DC24V low voltage wiring to construct a highly reliable system installation environments
05			
	CE Certified Electromagnetic protection function		

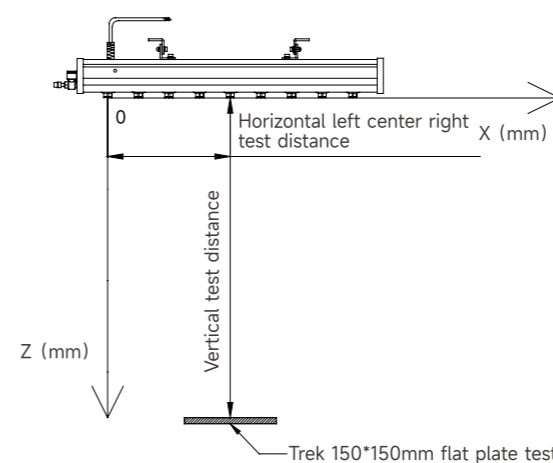
Product Parameter

Model	AP-AB1206		
Input voltage	DC 24V (External)	Discharge time	≤ 2s (With air, test distance 300mm)
Power	10W	Airflow pressure	≤ 0.6MPa
Electrode needle voltage	±4000V~±7000V	Air source connector with throttle valve	G1/8 Suitable for Ø 8 Pipe diameter
Ion emission	Pulse AC	Working humidity	0°C -50°C
Emitter electrode	Tungsten	Working temperature	< 70%
Discharge structure	Resistance coupling	Ion bar material	Flame retardant PVC、AL、SUS
Discharge range	L*W*H: Bar Length*300mm*1000mm	Installation distance	Without air: 30 → 100mm With air: 100 → 1000mm
Ion balance	≤ ±30V (AVG)	Warranty	1 Year Certification CE
Output frequency	0.1,0.5,1,5,10,30,55,65,105Hz; (Default setting: 55Hz)	Installation accessories	180° rotate mounting Angle can be, M5x12 screws, M5 hexagon nuts, Flat washers, Spring washers
Dimensions(L*W*H)	L*W*H: {200-325(Needle spacing 25mm); 350-3000(Needle spacing 50mm)}×35mm×64.5mm	Alarm indicator	Green light-normal, Blue light-standby, Blue flashing-debugging/cleaning, Red light-high voltage abnormal

Product Appearance



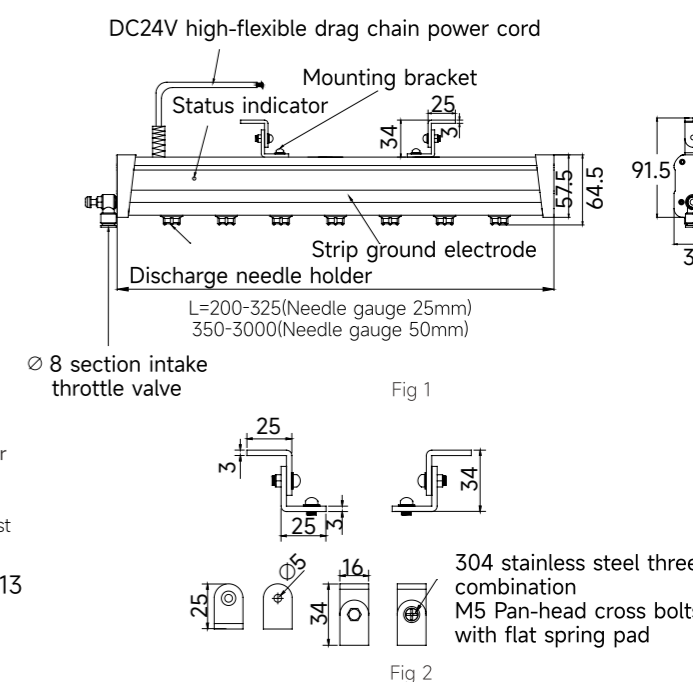
Discharge Effect Drawing



Note: The edge of the flat plate is aligned with the first and last electrode needle at the right and left ends of the ion bar when test position at 2 ends

Test standard: ANSI/ESD.STM3.1, SJ/T 11446—2013
Test instrument: Trek157 Charge plate tester
Test voltage: ±1000V → ±100V
Test environment: Humidity: 50±5%RH Temperature: 23±3°C

Product Dimension



AP-AB1216

AIR SOURCE ELECTROSHOCK-PROOF PULSED AC ION BAR

Product Profile

AP-AB1216 ionizes air molecules by using DC high voltage acting on coupled electrode needle to generate corona discharges, producing large amount of positive and negative air ions and transferring to the surface of objects through compressed air to reach high efficiency of static elimination.



Industry Application

Widely used in electronics, optoelectronics, semiconductor and other industries.



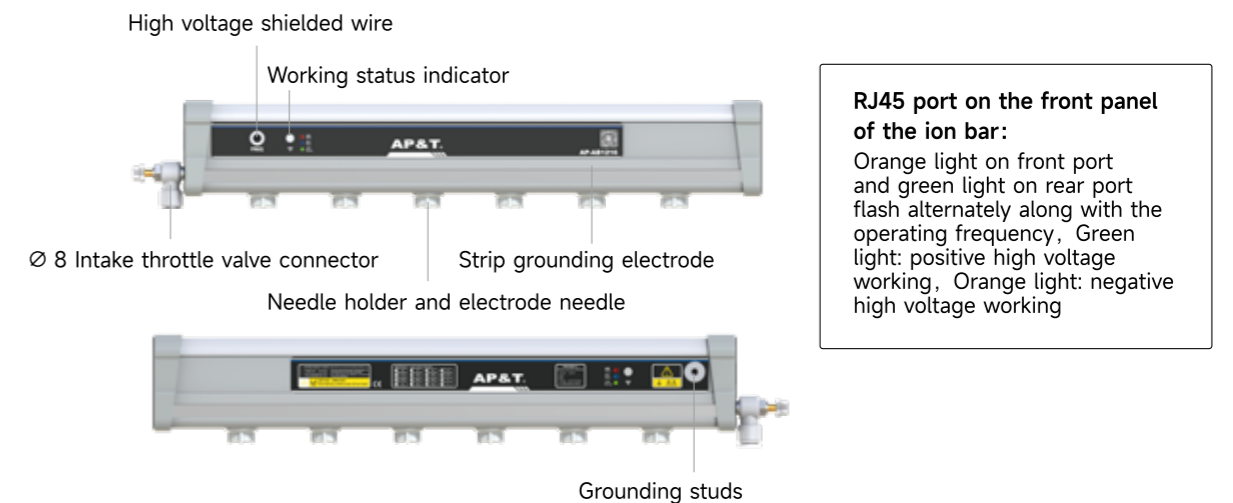
Product Features

<p>01</p> <p>Easy Installation Provide stainless steel mounting angle, fit for different installation environment</p>	<p>02</p> <p>Electric shock proof Prevent human from electric shock injuries</p>
<p>03</p> <p>Intake throttle valve G1/8 suitable for Ø 8 tube diameter</p>	<p>04</p> <p>High-voltage alarm indicator Red light alarm when high voltage abnormal</p>
<p>05</p> <p>CE Certified Electromagnetic protection function</p>	

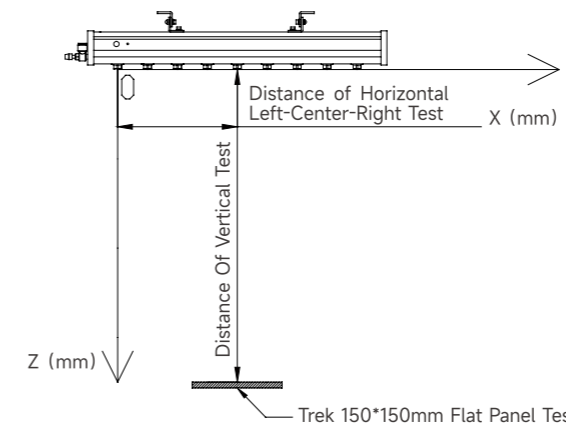
Product Parameter

Model	AP-AB1216			
Input voltage	DC 24V	Airflow pressure	≤ 0.6MPa	
Power	10W	Throttle air source connector	G1/8 for Ø 8 tube diameter	
Output voltage	±4000V~±7000V	Working temperature	0°C ~50°C	
Ion emission	Pulse AC	Working humidity	< 70%	
Emission electrode	Tungsten	Network cable length of supporting power supply	2.5m	
Discharge structure	Resistance coupling	Ion bar material	Flame retardant PVC、AL、SUS	
Output frequency	0.1, 0.5, 1, 5, 10, 30, 55, 65, 105Hz; (EX-Work setting: 55Hz)	Supporting accessories	GRT-240200: DC24V 2A, Dual network port output, 123*61*40.5mm (L*W*H)	
Discharge range	L*W*H: 300*1000mm	Installation accessories	180° rotatable mounting angle	
Installation distance	Airless: 30 → 100mm Ventilation: 100 → 1000mm	Discharge speed	≤ 2s (Ventilation, Test distance 300mm)	
Ion balance	≤ ±30V (AVG)	Warranty	1 Year	Certificate
Dimension L*W*H	{350mm-3000mm (Needle spacing 50mm)} *35m*63.5mm			
Alarm indicator	Green: normal work, blue:standby, blue flashing: debugging/cleaning, red: high voltage abnormal			

Product Appearance



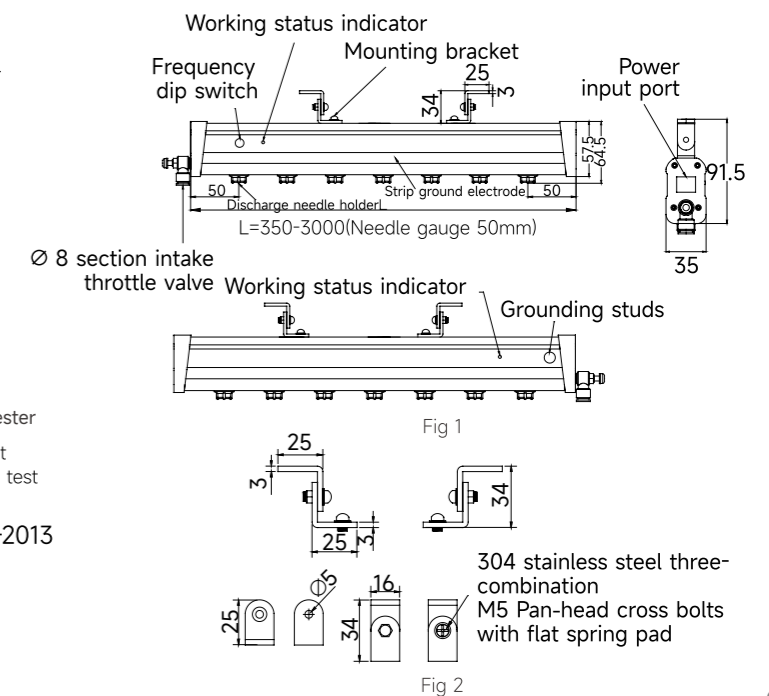
Discharge Effect Drawing



Note: The edge of the flat plate is aligned with the first and last electrode needle at the right and left ends of the ion bar when test position at 2 ends

Test standard: ANSI/ESD.STM3.1, SJ/T 11446—2013
Test instrument: Trek157 Charge plate tester
Test voltage: ±1000V → ±100V
Test environment: Humidity: 50±5%RH
 Temperature: 23±3°C

Product Dimension



AP-AB1218

AIR SOURCE ELECTROSHOCK-PROOF PULSED AC ION BAR

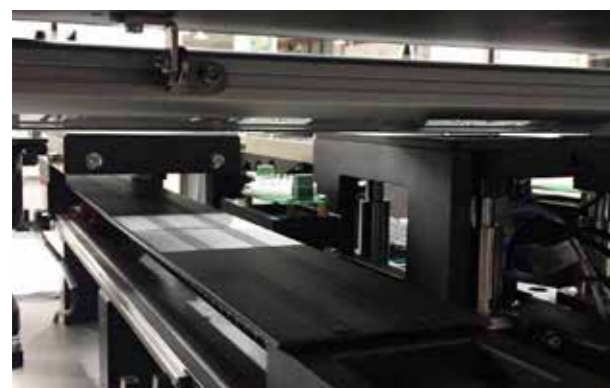
Product Profile

AP-AB1218 ionizes air molecules by using DC high voltage acting on coupled electrode needle to generate corona discharges, producing large amount of positive and negative air ions and transferring to the surface of objects through compressed air to reach high efficiency of static elimination.



Industry Application

Widely used in electronics, optoelectronics, semiconductor and other industries.



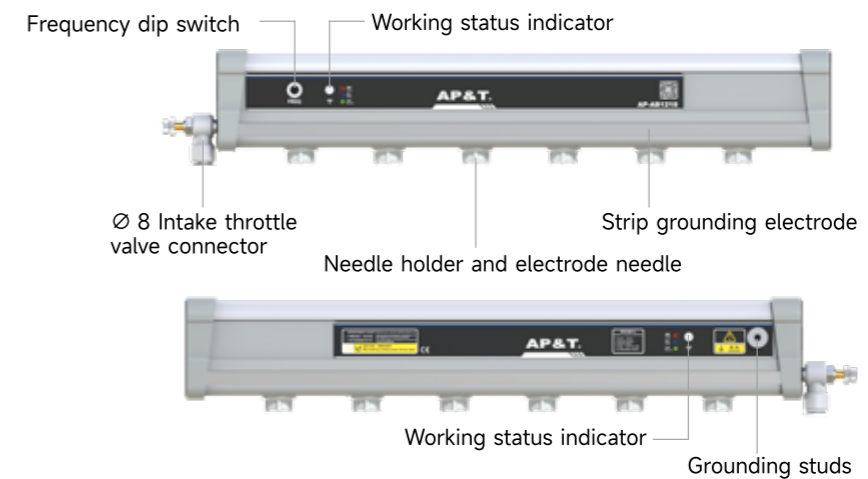
Product Features

<p>01</p> <p>Easy installation Stainless steel mounting angle provided for different installation environment</p>	<p>02</p> <p>Electric shock proof Prevent human from electric shock injuries</p>
<p>03</p> <p>Intake throttle valve The specification is Ø 8-G1/8 grey</p>	<p>04</p> <p>Working status visualization Red light alarm when high voltage abnormal</p>
<p>05</p> <p>Network monitoring Wired network communication realisable and monitor the working status of the ion bar</p>	<p>06</p> <p>CE Certified Electromagnetic protection function</p>

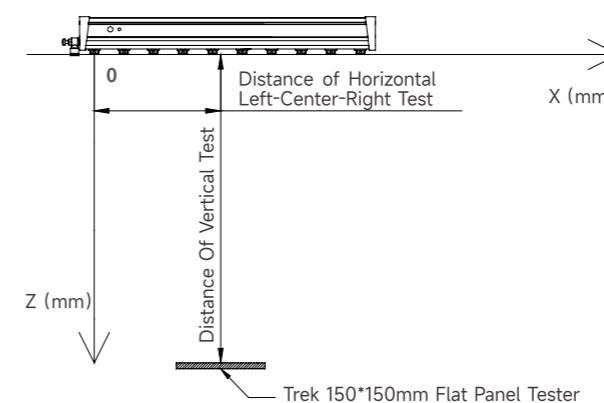
Product Parameter

Model	AP-AB1218			
Input voltage	DC 24V	Ion bar body length	L*W*H: {350-3000mm (Needle spacing 50mm)}*35*64.5mm	
Input current	< 600mA	Communication function	RS485	
Power	10W	Signal output	Open collector 50V/100mA	
Output voltage	±4000 -7000V	Airflow pressure	≤ 0.6MPa	
Ion emission	Pulse AC	Connector with throttle valve	G1/8 for Ø 8 tube diameter	
Emission electrode	Tungsten	Discharge structure	Resistance coupling	
Discharge range	L*W*H: {350-3000mm (Needle spacing 50mm)}*300*1000mm	Alarm indicator	Green light-Normal working, Blue light-Standby, (Blue light flashing-Debugging/Cleaning	
Installation distance	100 → 1000mm	Ion bar body material	Flame retardant PVC、AL、SUS	
Ion balance	≤ ±30V (AVG)	Warranty	1 Year	Certificate CE
Discharge time	≤ 2s	Working temperature	0°C -50°C	Working humidity < 70%
Output frequency	0.1,0.5,1,5,10,30,55,65,105Hz; (EX-Work setting: 55Hz)			
Installation accessories	180° rotatable mounting angle、M5*12 screws、M5 Hexagon nuts、Flat gasket、Spring washer、1m Yellow and green ground cable			

Product Appearance

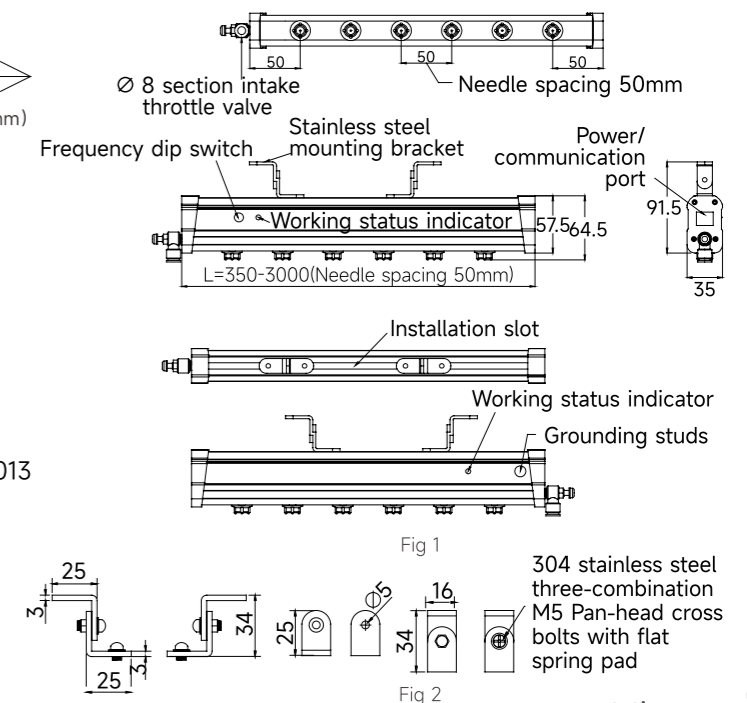


Discharge Effect Drawing



Test standard: ANSI/ESD.STM3.1, SJ/T 11446—2013
 Test instrument: Trek157 Charge plate tester
 Test voltage: ±1000V → ±100V
 Test environment: Humidity: 50±5%RH
 Temperature: 23±3°C

Product Dimension



AP-AB1226

INTELLIGENT SELF-BALANCING STATIC ELIMINATION ION BAR

Product Profile

AP-AB1226 ion bar adopts pulse AC static elimination technology. It can eliminate static in short or long distance. It has the strong ion output based by 25mm narrow needle spacing design.



Industry Application

Widely used in electronics, semiconductor, optoelectronics or other industries.



Product Features

<p>01</p> <p>Discharge parts easy to be replaced Standard configured tungsten alloy needle, long-time ionization ability</p>	<p>02</p> <p>Indicator light Green: Normal working Blue: Standby Blue light flashing - Debug/clean Red: High-voltage abnormal alarms</p>
<p>03</p> <p>Power cord Standard configured DC24V high-flexible drag chain power cord</p>	<p>04</p> <p>Remote control Adjust ion balance and output frequency</p>
<p>05</p> <p>Easy installation Provide installation accessories of M5 sheet slide nuts</p>	<p>06</p> <p>CE Certified Electromagnetic protection function</p>

Product Parameter

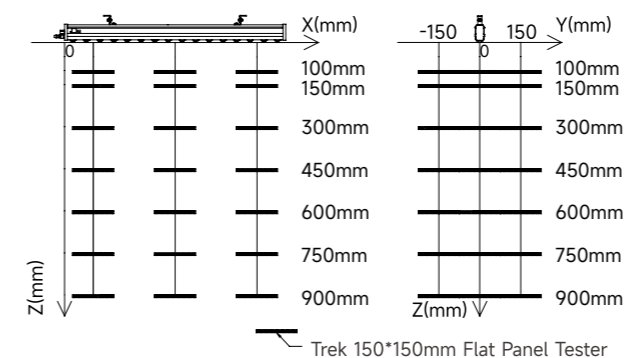
Model	AP-AB1226		
Input voltage	DC 24V	Discharge time	≤ 1s (Test distance 300mm)
Power	< 5W (Factory Default)	Working temperature	0°C -50°C
Output voltage	4000V → 7000V	Working humidity	< 70%
Emission electrode	Tungsten	Intake throttle valve connector	∅ 8-G1/8 gray and white
Discharge range	L*W*H: Bar*200*100mm	Installation accessories	M5-12*12*4 square nuts; DC24V high flexible drag chain power cord 1500mm
Ion emission	Pulse AC	Output frequency	0.1,0.5,1,5,10,30,55,65,105Hz; (Factory default: 55Hz)
Airflow press	0.1-0.6MPa	Dimensions	L*W*H: {200, 225, 250... → 500mm(Needle spacing 25mm)}*36*68.2mm
Duty factor	5%—95%	Bar material	Flame retardant PVC、ABS、SUS
Installation distance	100 → 1000mm	Warranty	1 Year
Ion balance	≤ ±30V (AVG)	Certification	CE
Status indicator	Green Light-normal work, Blue light-standby, Blue light flashing-debug/clean, Red light-high voltage abnormal		

Product Appearance

DC24V high flexible drag chain power cord schematic diagram

Color of power cord	Corresponding connection information
Orange	+24V
White	0V
Light green	EGND

Discharge Effect Drawing



The first and last pins in the right and left ends of the ion bar are aligned the edge of the flat plate.

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

Test instrument: Trek Charge plate tester

Test voltage: ±1000V → ±100V Attenuation

Airflow press: 0.3MPa **Ion rod length:** 500mm

Test environment: Humidity: 50±5%RH

Temperature: 23±3°C

Product Dimension

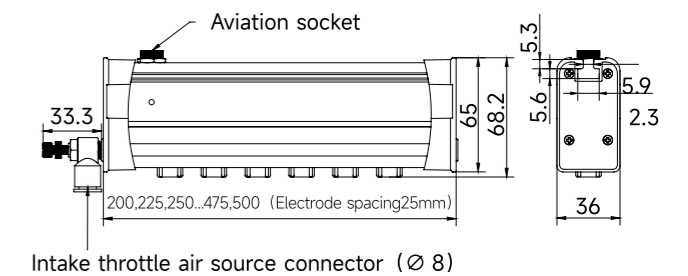


Fig 1

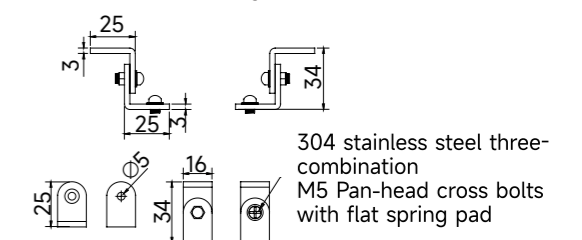


Fig 2

AP-AB1228

INTELLIGENT SELF-BALANCING STATIC ELIMINATION ION BAR

Product Profile

AP-AB1228 adopts pulse AC static elimination technology with airflow acceleration structure which can realize 2 times discharge speed more than traditional structure. It can realize the online communication and working status of ion bar can be monitored.



Industry Application

Widely used in electronics, semiconductor, optoelectronics or other industries.



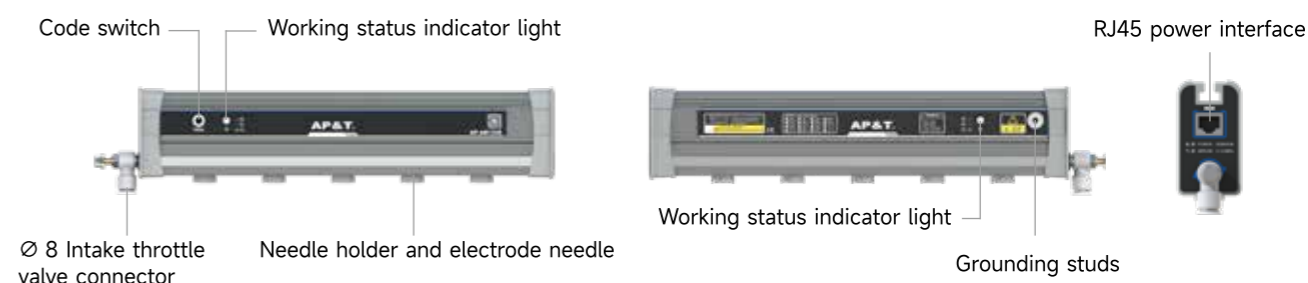
Product Feature

<p>01</p> 	<p>02</p> 
<p>Electric shock proof Avoid injuries from accidental human contact</p>	<p>Discharge parts replaced easily Easy to replace, standard configured tungsten needle, long-time ionization ability</p>
<p>03</p> 	<p>04</p> 
<p>Airflow acceleration structure Ion nozzle has airflow acceleration structure which can realize 2 times discharge speed more than traditional structure</p>	<p>It's convenient to replace the discharge components It can be replaced by rotating the needle holder at counter-clockwise direction when the discharge needle is damaged and required for replacement</p>
<p>05</p> 	<p>06</p> 
<p>Network monitoring Wired network communication realisable and monitor the working status of the ion bar</p>	<p>Intelligent remote Control Adjust ion balance and output frequency</p>
<p>07</p> 	<p>08</p> 
<p>Self-balancing voltage Excellent ability of ion balance</p>	<p>CE Certified Electromagnetic protection function</p>

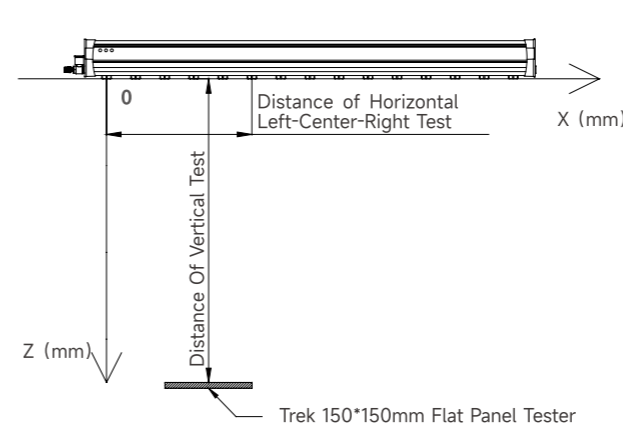
Product Parameter

Model	AP-AB1228		
Input voltage	DC 24V	Discharge structure	Resistance coupling
Input current	< 600mA	Installation distance	100 → 1000mm
Power	10W	Length of supporting power network cord	2.5m
Working voltage	±4000V~±7000V	Intake throttle valve connector	∅ 8-G1/8 gray and white
Ion emission	Pulse AC	Discharge range	L*W*H: Bar Length *300*1000mm
Emission electrode	Tungsten	Output frequency	0.1,0.5,1,5,10,30,55,65,105Hz; (Factory default: 55Hz)
Ion balance	≤ ±30V (AVG)	Dimension	L*W*H: {300-3000 (Needle spacing 50mm)}*36*68.2mm
Discharge time	≤ 2s	Product material	Flame retardant PVC、ABS、SUS
Installation Accessories	180° rotatably mounting angle, M5*12 screws, M5 Hexagon nuts, Flat gasket, Spring washer		
Working status	Green light - normal, Blue light - standby, Blue light flashing—debugging /cleaning, Red light - Abnormal high voltage		
Working temperature	0°C -50°C	Working humidity	< 70%
Warranty	1 Year	Certification	CE
Status monitoring	RS485 (115200bps,8,1,n,n) ≥ 30ms; Collector open circuit: < 50V,100mA		
Supporting power supply	GRT-240200: INPUT: 100—240VAC 50/60Hz, OUTPUT: 24VDC 2000mA dual network port output L*W*H: 123*61*40.5mm		

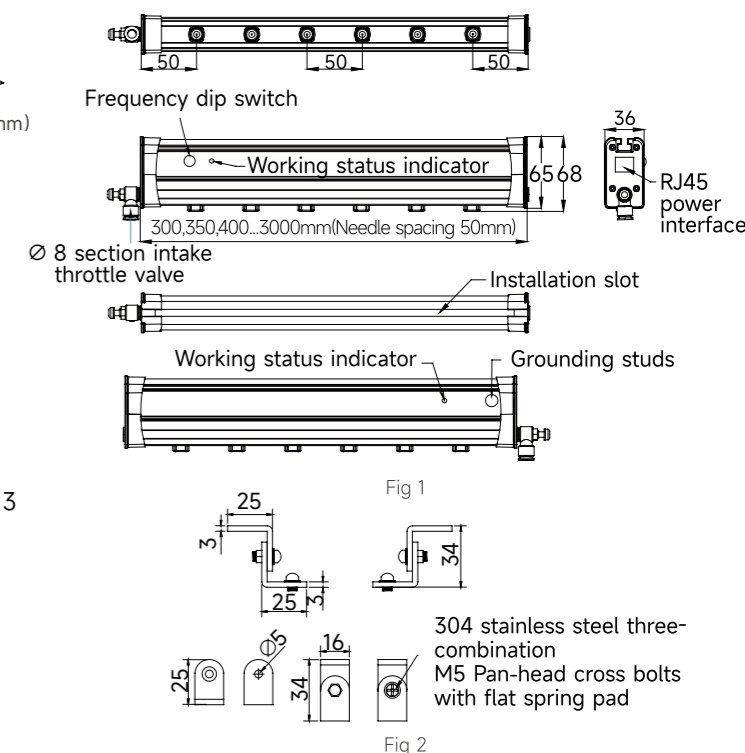
Product Appearance



Discharge Effect Drawing



Product Dimension



Test standard: ANSI/ESD.STM3.1, SJ/T 11446—2013
 Test instrument: Trek Charge plate tester
 Test voltage: ±1000V → ±100V Attenuation
 Test environment: Humidity: 50±5%RH
 Temperature: 23±3°C

AP-AB1238

DIGITAL DISPLAY ELECTROSHOCK-PROOF PULSED AC ION BAR

Product Profile

The AP-AB1238 ion bar is AP&T Company's latest research and development of a bar-type electrostatic elimination device designed to remove static electricity from object surfaces. The ion bar uses a DC high voltage power supply and features specially made alloy electrodes. By alternating positive and negative DC high voltage on coupling-type electrode needles, it allows the DC power source to use an AC implementation method through coupling devices to generate corona discharge on the electrode needles. This process ionizes air molecules, producing a large number of positive and negative air ions. Through compressed air, these ions are delivered to the surface of objects with static electricity, neutralizing both positive and negative static charges, achieving an efficient and reliable elimination of surface static electricity.



Industry Application

Widely used in electronics, semiconductor, optoelectronics or other industries.



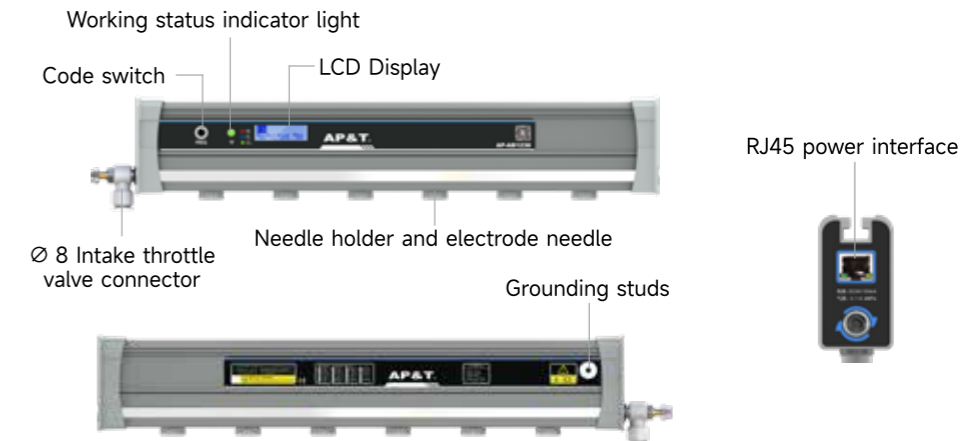
Product Feature

<p>01</p>	<p>02</p>
<p>Electric shock proof Avoid injuries from accidental human contact</p>	<p>Discharge parts replaced easily Easy to replace, standard configured tungsten needle, long-time ionization ability</p>
<p>03</p>	<p>04</p>
<p>Airflow acceleration structure Ion nozzle has airflow acceleration structure which can realize 2 times discharge speed more than traditional structure</p>	<p>It's convenient to replace the discharge components It can be replaced by rotating the needle holder at counter-clockwise direction when the discharge needle is damaged and required for replacement</p>
<p>05</p>	<p>06</p>
<p>Network monitoring Wired network communication realisable and monitor the working status of the ion bar</p>	<p>Intelligent remote Control Adjust ion balance and output frequency</p>
<p>07</p>	<p>08</p>
<p>Self-balancing voltage Excellent ability of ion balance</p>	<p>CE Certified Electromagnetic protection function</p>

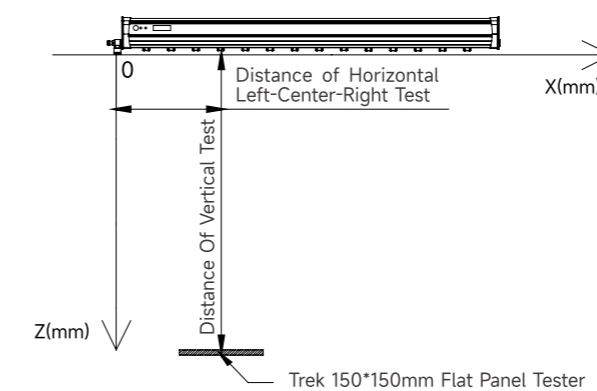
Product Parameter

Model	AP-AB1238		
Input voltage	DC 24V	Display output	LCD Display
Power	< 10W	Intake throttle valve connector	Φ8-G1/8 gray and white
Working voltage	±4000V~±7000V	Working temperature	0°C -50°C
Ion emission	Pulse AC	Working humidity	< 70%
Emission electrode	Tungsten	Product material	Flame retardant PVC, ABS, SUS, W
Output frequency	0.1,0.5,1,5,10,30,55,65,105Hz; (Factory default: 55Hz)	Dimensions	L*W*H: {300-3000 (Needle spacing 50mm)}*36*68.2mm
Airflow pressure	≤ 0.6MPa	Installation Accessories	180° rotatable mounting bracket, M5-12*12*4 square nut
Discharge range	L*W*H: Bar Length *300*1000mm	Length of supporting power network cord	2.5m
Installation distance	100 → 1000mm	Warranty	1 Year
Ion balance	≤ ±30V (AVG)	Certification	CE
Discharge time	≤ 2s	Status monitoring	RS485 (115200bps,8,1,n,n) ≥ 20ms, Collector open circuit: < 50V,100mA
Working status	Green light - normal, Blue light - standby, Blue light flashing—debugging /cleaning, Red light - Abnormal high voltage	Supporting power supply	GRT-240200: INPUT: 100—240VAC 50/60Hz; OUTPUT: 24VDC 2000mA Actual network port output L*W*H: 123*61*40.5mm

Product Appearance

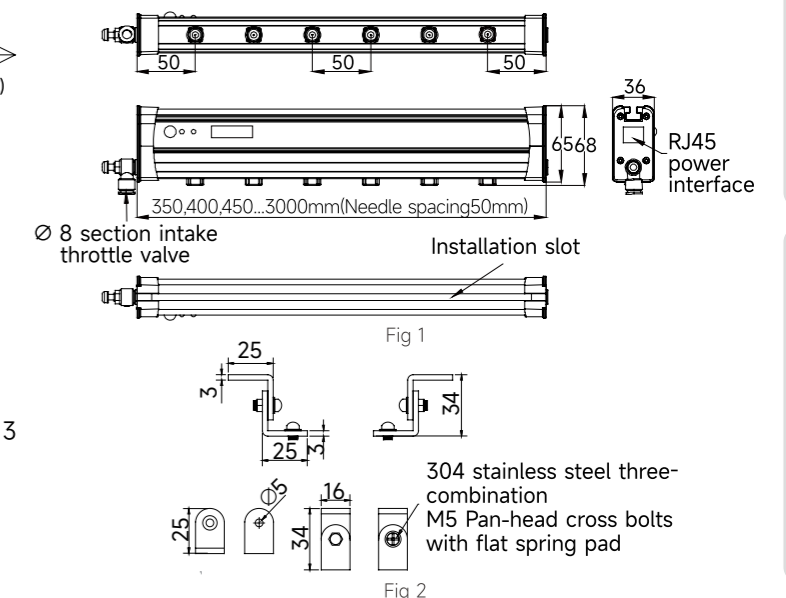


Discharge Effect Drawing



Test standard: ANSI/ESD.STM3.1, SJ/T 11446—2013
 Test instrument: Trek Charge plate tester
 Test voltage: ±1000V → ±100V Attenuation
 Test environment: Humidity: 50±5%RH
 Temperature: 23±3°C

Product Dimension



AP-DB1227

LONG-DISTANCE STATIC ELIMINATION ION BAR

Product Profile

The AP-DB1227 ion bar is an ionizing device for long-distance static elimination, developed and manufactured by Anping Company. This bar-shaped device uses a DC high voltage power supply and tungsten electrodes. Through the alternating action of positive and negative DC high voltages on positive and negative coupled electrode needles, it generates corona discharge that ionizes air molecules, producing a large number of positive and negative air ions. These ions are then transported under the high voltage electric field to the surface of charged objects at a distance, neutralizing the static charges on the surface.



Industry Application

Widely used in suitable for film, textiles, rubber, etc.



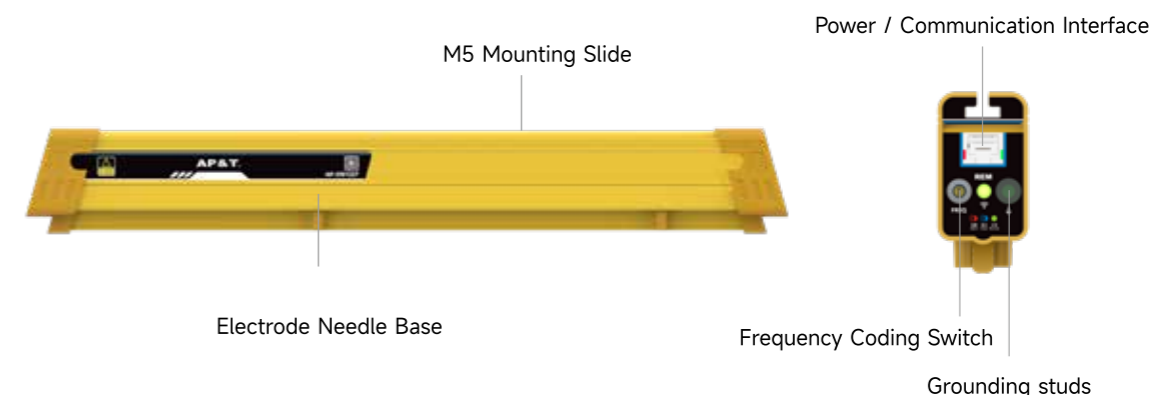
Product Feature

<p>01</p> <p>Electric shock proof Strong ion release capability, suitable for static elimination without an air source and at long distances</p>	<p>02</p> <p>Multiple sizes, customizable To meet static elimination ranges for different distances, save on power adapters and reduce the number and workload of ion bar installations</p>
<p>03</p> <p>Indicator Light Red light alarm for high voltage anomalies</p>	<p>04</p> <p>Intelligent remote control Ion output characteristics can be adjusted using a remote control</p>
<p>05</p> <p>CE Certified Electromagnetic protection function</p>	

Product Parameter

Model	AP-DB1227			
Input voltage	DC 24V	Working temperature	0°C -50°C	
Power	< 15W	Working humidity	< 70%	
Electrode high voltage	< 30KV	Dimensions	L*W*H: L*38*77.5mm	
Ion emission	Pulse DC	Bar body material	Flame retardant PVC、ABS	
Emitter electrode	Tungsten (W)	Installation accessories	M5 slider nuts	
Output frequency	0.1,0.3,0.5,0.7,1,3,5,7,10,30,55Hz; (Factory setting: 1Hz)	Length of supporting power network cord	2.5m	
Ozone thickness	< 0.1ppm (100mm from the emission electrode)	Warranty	1 Year	Certification CE
Supporting power supply	GRT-240200: DC24V 2A, dual network port output, 123*61*40.5mm (L*W*H)	Status monitoring	RS485 (115200bps,8,1,n,n) ≥ 30ms, Collector Open Circuit: < 50V,100mA	
Status indicator	Green light—normal operation, Red light—high voltage anomaly, Blue light—adjustment/cleaning indication/ RJ45 Port Indicator Light: Green light—power on indication, Orange light—communication indication			

Product Appearance



Product Dimension

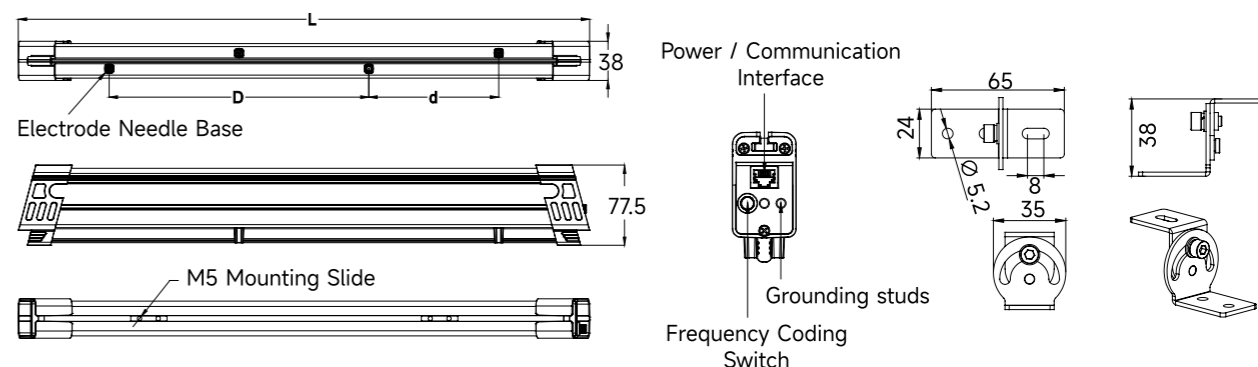


Fig 1 Ion Bar Dimension Diagram

Fig 2 Mounting Bracket Dimension Diagram (Optional Accessory)

Discharge Distance	Bar Length L (Unit: mm)									
	Same Polarity Electrode Spacing D	Different Polarity Electrode Spacing d								
300-1000mm	250	125	Bar Length L (Unit: mm)	550	1050	1550	2050	2550	3050	
			Number of Electrode Needles (Unit: pcs)	4	8	12	16	20	24	
100-300mm	200	100	Bar Length L (Unit: mm)	550	950	1350	1750	2150	2550	2950
			Number of Electrode Needles (Unit: pcs)	4	8	12	16	20	24	28

AP-DB1229

LAMINAR FLOW ION BAR

Product Profile

AP-DB1229 laminar flow ion bar is a bar-type electrostatic elimination device developed and produced by Anping Company to eliminate static electricity in laminar flow clean areas and maintain electrostatic balance in clean areas. By alternately applying positive and negative DC high voltage to positive and negative coupled electrode needles, it generates corona discharge, ionizes air molecules, produces a large number of positive and negative air ions, neutralizes static charges in space, achieves efficient and reliable maintenance of electrostatic balance in laminar flow clean areas, reduces particle adhesion in clean areas, makes contaminated particles easy to be filtered out by the air conditioning purification system, and reduces electrostatic and particulate pollution in clean areas.



Industry Application

Widely used in electronics, semiconductor, optoelectronics or other industries.



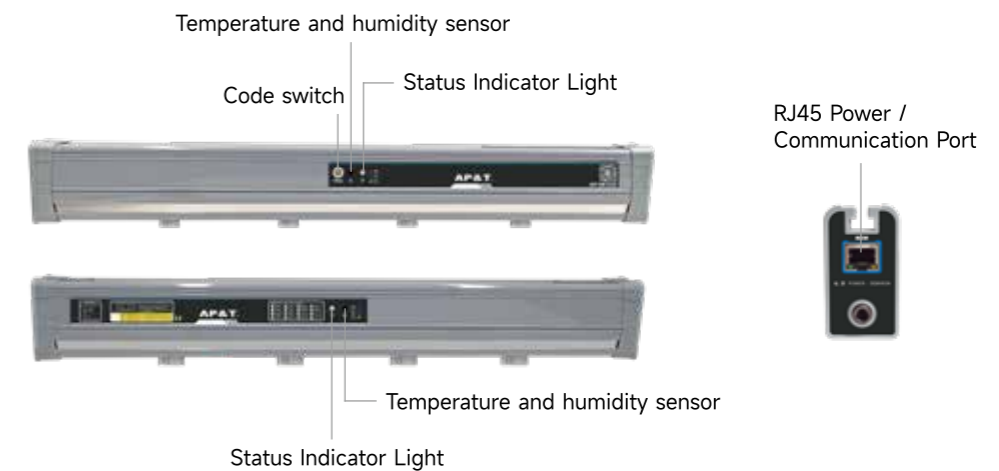
Product Feature

<p>01</p> <p>Electric shock proof Avoid injuries from accidental human contact</p>	<p>02</p> <p>Intelligent remote control Adjust ion balance and output frequency</p>
<p>03</p> <p>Indicator light Green: Normal working Blue: Infrared adjustment / Pause operation / Cleaning indication Red: High-voltage abnormal alarms</p>	<p>04</p> <p>Unique discharge structure design Si electrode configuration, suitable for eliminating static electricity and particulate contamination in laminar flow clean areas</p>
<p>05</p>	<p>CE Certified Electromagnetic protection function</p>

Product Parameter

Model	AP-DB1229			
Input voltage	DC 24V	Working temperature	0°C -50°C	
Power	< 5.5W	Working humidity	< 70%	
Working voltage	±7000V~±12000V	Dimensions	L*W*H: {500,700,900,...→3100}*36*68mm	
Ion emission	Pulse DC	Product material	Flame retardant PVC、ABS、SUS、S	
Emission electrode	Si	Power supply network cable length	2.5m	
Output frequency	0.1,0.5,1,5,10,30,55,65,105Hz; (Factory setting: 105Hz)	Installation accessories	180° Rotatable Installation Bracket, M5-12124 Square Nut	
Ozone thickness	< 0.1ppm(50mm from the emitter)	Warranty	1 Year	Certification CE
Power supply	GRT-240200: DC24V 2A, Dual Network Port Output, 123*61*40.5mm	Status monitoring	RS485 (115200bps,8,1,n,n) ≥ 30ms Collector Open Circuit: < 50V,100mA	
Status indicators	Green light—normal operation, Red light—high voltage abnormal, Blue light—debugging / cleaning indication RJ45 port indicator light: Green light—power on indication, Orange light—flashes with working frequency			

Product Appearance



Discharge Effect Drawing

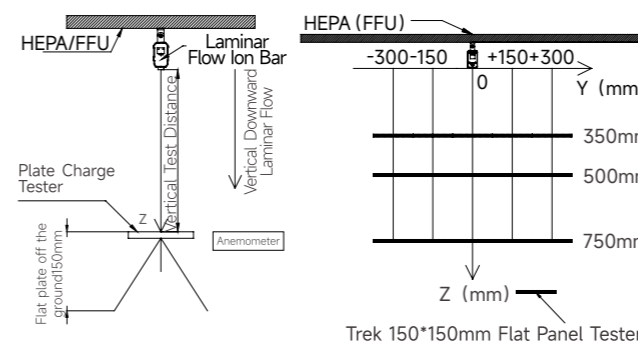


Fig 1: Test Schematic Fig 2: Test Orientation Diagram

Test standard: ANSI/ESD.STM3.1, SJ/T 11446—2013
Test instrument: Trek Charge plate tester
Test voltage: ±1000V → ±100V
HEPA (FFU) airflow speed: 0.35-0.5m/s
Working frequency: 105Hz
Test environment: Humidity: 50±5%RH
 Temperature: 23±3°C

Note: The following data is for reference only. The performance data may vary due to different usage environments and working parameters.

Product Dimension

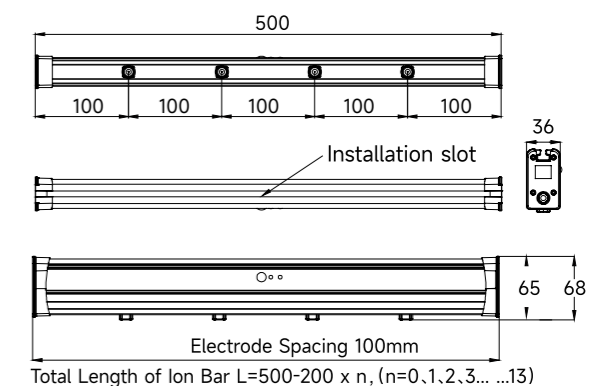


Fig 1: Ion Bar Dimension Diagram

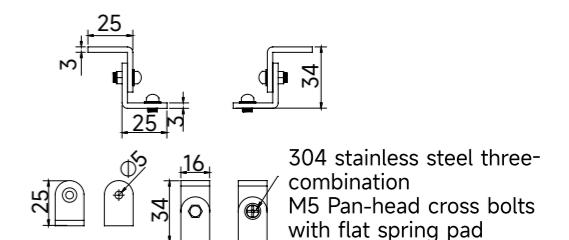


Fig 2: Installation Bracket Dimension Diagram

AP-DB1233 SPACE ION BAR

Product Profile

AP-DB1233 Space Ion Bar is a rod-type static eliminator developed and produced by Anping Company to eliminate static electricity in clean spaces and maintain static balance in clean spaces. Space Ion Bar uses a DC high-voltage power supply and a special silicon-based electrode. Through alternating positive and negative DC high voltage acting on positive and negative coupled electrode needles, it generates corona discharge, ionizes air molecules, produces a large number of positive and negative air ions, neutralizes the locally unbalanced static charges in the space, achieves efficient and reliable maintenance of static balance in the space, reduces the adhesion of particles in the space, makes pollutant particles easy to be filtered out by the air conditioning purification system, and reduces particle pollution in the space.



Industry Application

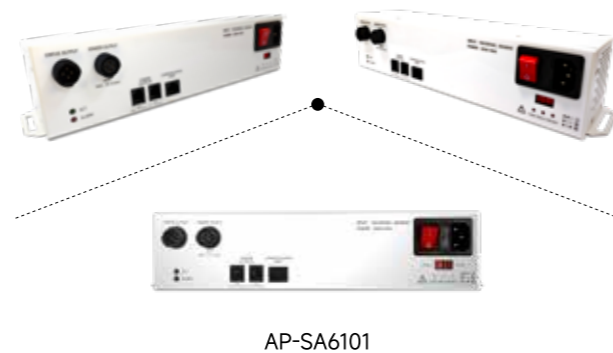
Widely used in electronics, semiconductor, optoelectronics or other industries.



Product Feature

<p>01 Unique discharge structure design equipped with special Si electrodes, suitable for eliminating static electricity and charged particulate pollutants in space</p>	<p>02 Serial installation Both ends of the product can supply power/communication, allowing serial installation, saving the number of power adapters and ion bars as well as installation workload</p>
<p>03 Working status indicator Red light alarm when high voltage is abnormal</p>	<p>04 CE Certified Electromagnetic protection function</p>

Supporting Power Supply



Product Parameter

Model	AP-DB1233			
Input voltage	AC 24V	Working temperature	0°C -50°C	
Power	1W	Working humidity	< 70%	
Output voltage	±10000V~±20000V	Dimensions	L*W*H: 455*36*33mm	
Ion emission	Pulse DC / Steady DC	Product material	Flame Retardant PC	
Emission electrode	Si	Adapts 6-Core Power Cable	Cable length customizable	
Ion Bar Module	Default Component Length: 2.5 (5、10、15、24、36、60、66) inch	Status Monitoring	RS485 (115200bps,8,1,n,n) ≥ 30ms Open Collector: < 50V,100mA	
Ozone thickness	< 0.1ppm(50mm from the emitter)	Warranty	1 Year	Certification
Controller	AP-SA6101 INPUT: 220VAC 50Hz / 110VAC 60Hz; OUTPUT: 24VAC 2000mA, 320*72*69mm (L*W*H)			
Status indicators	Green light—Normal work, Red light—Abnormal high voltage, Blue light—Debug/Clean indicator White light at both ends of the bar - high voltage operation indicator			

Product Appearance

Indicator Light Functions	
Blue light	Infrared, Pause, Clean Indicator
Red light	Alarm Indicator
White light	High Voltage Working Indicator

Discharge Effect Drawing

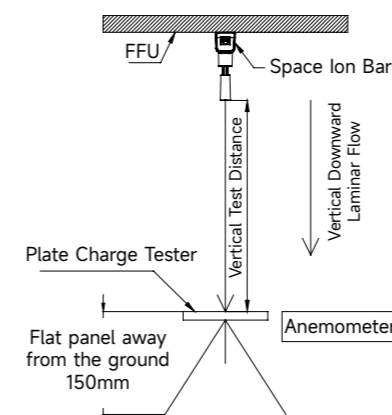


Fig 1: Test Schematic

Test standard: IEC 61340-4-7, ANSI/ESD.STM3.1, SJ/T 11446—2013
 Test instrument: Trek Charge plate tester
 Test voltage: ±1000V → ±100V
 HEPA (FFU) airflow speed: 0.35-0.5m/s
 Test environment: Humidity: 50±5%RH Temperature: 23±3°C
 Test Height Emission Electrode Distance from Test Plate 1.8m

Note: The following data is for reference only. The performance data may vary due to different usage environments and working parameters.

Product Dimension

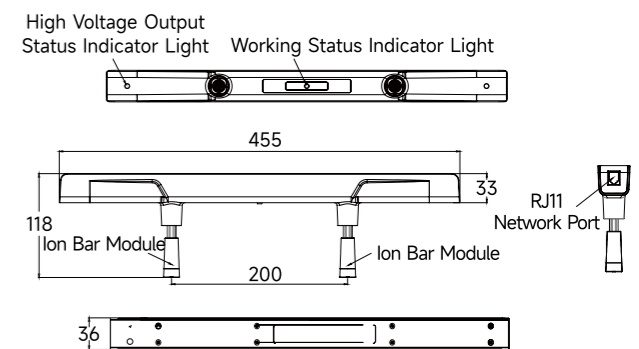


Fig 1: Ion bar dimension diagram

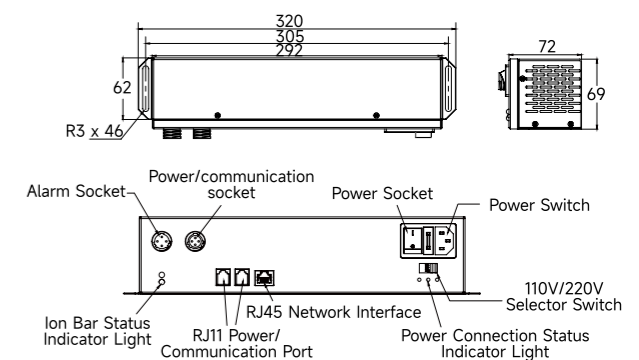


Fig 2: Installation bracket dimension diagram

AP-AB1103

ELECTROSHOCK-PROOF AC ION BAR

Product Profile

AP-AB1103 adopts power frequency AC high voltage to ionize air molecules by impedance coupling device acting on dedicated electrode, producing and transferring positive and negative ions onto the surface of target object for neutralizing electrostatic charges to reach the high efficiency of static elimination.



Industry Application

Widely used in textiles, plastics, film, printing industries.



Product Features

<p>01</p> <p>Compact and small bar body Save installation space</p>	<p>02</p> <p>Electric shock proof Avoid injures from accidental human contact</p>
<p>03</p> <p>Easy installation Special designed strip notch on the back with movable bolts</p>	<p>04</p> <p>CE Certified Electromagnetic protection function</p>

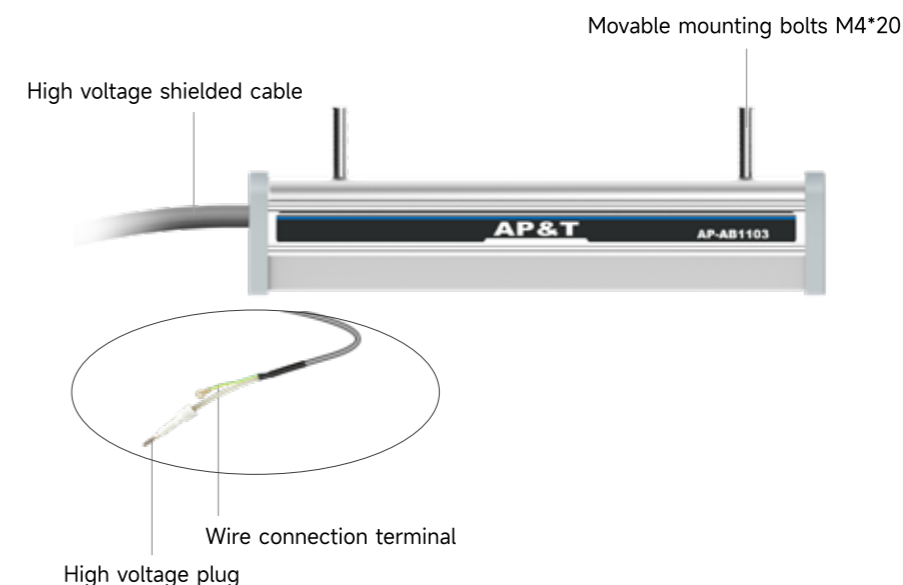
Supporting Power Supply

Tows one power supply	Tows two power supply
<p>AP-AY1505</p>	<p>AP-AY2505</p>
<p>AP-AY1502</p>	<p>AP-AY2502</p>

Product Parameter

Model	AP-AB1103		
Power	20W	Working temperature	0°C - 50°C
Ion emission	Power frequency AC	Working humidity	< 70%
Emission electrode	SUS	Dimension	L*W*H (150mm → 3000mm*20.4mm*32mm)
Discharge structure	Resistance coupling	Ion bar body material	Flame retardant PVC, AL
Discharge range	L*W*H (150mm → 3000mm)*300mm*100mm	Power supply network cable length	2.5m(customizable, maximum 10m)
Installation distance	30 → 100mm	Installation accessories	M4*20 hexagon mounting bolts
Ion balance	≤ ±30V (AVG)	Warranty	1 Year
Discharge speed	≤ 1.0s (100mm working distance)	Certificate	CE
Working voltage	Length of one bar > 1m or length of 2 bars in total < 1m: AC5600 V Length of one bar ≥ 1m or length of 2 bars in total ≥ 1m: AC7000 V		
Supporting power supply	AP-AY1505: Length of the ion bar < 1m, length of 2 ion bars in total < 1m AP-AY1502: Length of the ion bar ≥ 1m, length of 2 ion bars in total ≥ 1m		

Product Appearance



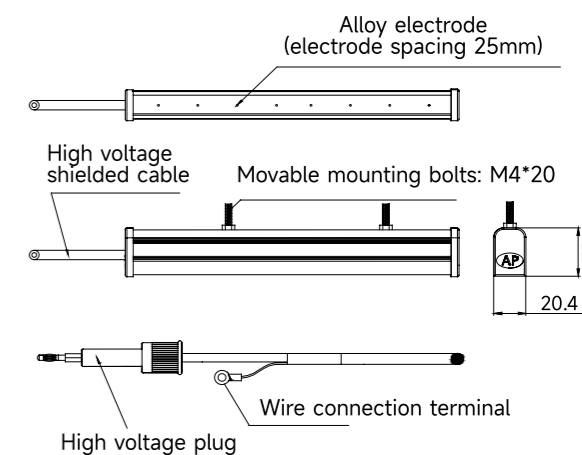
Discharge Effect Drawing

Distance	150mm	0mm	150mm
30mm	0.186s	0.002s	0.146s
50mm	0.266s	0.051s	0.166s
70mm	0.271s	0.018s	0.227s
100mm	0.577s	0.025s	0.533s

Trek 150*150mm Flat Panel Tester

Test condition: Length of ion bar 1000mm
 Test standard: ANSI/ESD.STM3.1, SJ/T 11446—2013
 Test instrument: Trek flat panel charge tester
 Test voltage: ±1000V → ±100V Attenuation
 Test environment: Humidity: 50±5%
 Temperature: 23±3°C

Product Dimension



AP-AB1108

AIR SOURCE ELECTROSHOCK-PROOF HIGH EFFICIENCY AC ION BAR

Product Profile

AP-AB1108 ion bar adopts power frequency AC static elimination technology. Bar size compact and required small installation space. It is safe and reliable to work under high voltage, micro current(μA grade) with high efficiency of static elimination.



Industry Application

Widely used in printing, UV, flat panel, semiconductor, optoelectronics and other industries.



Product Feature

<p>01</p> <p>Electric shock proof Avoid the injuries from accidental human contact</p>	<p>02</p> <p>Easy installation Special designed strip notch on the back. Installation bolts are moveable</p>
<p>03</p> <p>Power supply Standard configured high voltage power supply</p>	<p>04</p> <p>Intake throttle valve Specification: Φ8-G1/8, white color</p>
<p>05</p> <p>CE Certified Electromagnetic protection function</p>	

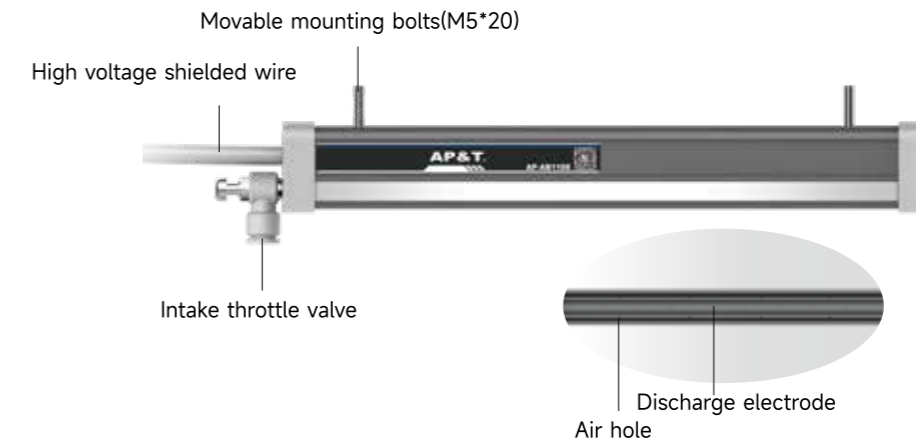
Supporting Power Supply

Tows one power supply	Tows two power supply
<p>AP-AY1504</p>	<p>AP-AY2504</p>
<p>AP-AY1506</p>	<p>AP-AY2506</p>

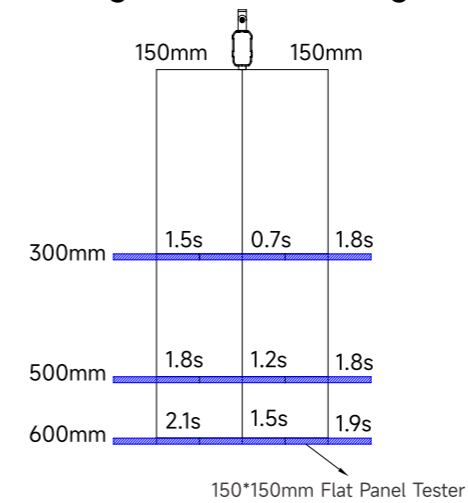
Product Parameter

Model	AP-AB1108		
Power	20W	Throttle air source connector	G1/8 for Ø 8 gray and white
Ion emission	Power frequency AC	Working temperature	0°C - 50°C
Emission electrode	Tungsten	Working humidity	< 70%
Electrostatic discharge structure	Resistance coupling	Bar material	Flame retardant PVC, SUS
Discharge range	L*W*H (150mm → 3000mm) *300mm*600mm	Dimension	L*W*H (150mm → 3000mm) *28.6mm*38.7mm
Installation distance	100 → 600mm	Packaging accessories	M5×20 hexagonal mounting bolts
Discharge speed	≤ 2.5s(Working distance 300mm, airflow press 0.3Mpa)	Power cord length	2.5m (Can be customized according to requirements, Max size is 10m)
Ion balance	≤ ±100V (AVG)	Warranty	1 Year
Air pressure	≤ 0.6MPa	Certificate	CE
Working Voltage	Single Ion Bar length < 1m or 2 ion bars length in total < 1m: AC5600V Single Ion Bar length ≥ 1m or 2 ion bars length in total ≥ 1m: AC7000V	Supporting power supply	AP-AY1506: Bar Length < 1m; / AP-AY2506: 2 ion bars length in total < 1m AP-AY1504: Bar Length ≥ 1m; / AP-AY2504: 2 ion bars in total ≥ 1m airflow press ≤ 0.6Mpa

Product Appearance

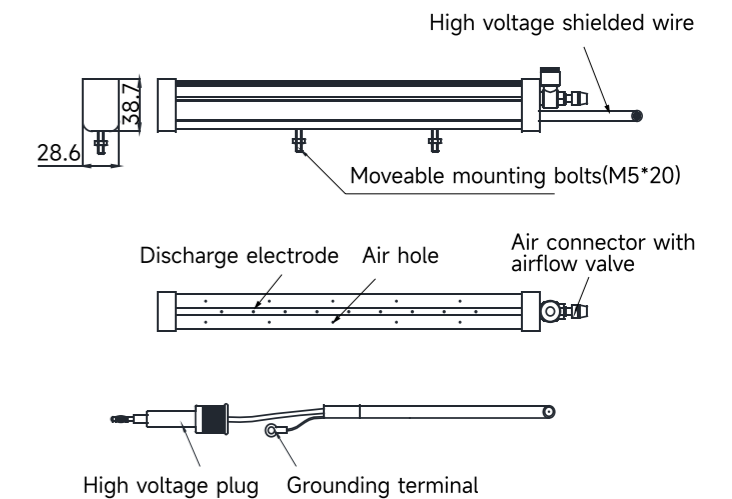


Discharge Effect Drawing



Test Condition: Ion Bar Length: 500mm
Air pressure: 0.4Mpa
Test Standard: ANSI/ESD.STM 3.1, SJ/T 11446-2013
Test Instrument: Trek flat panel tester
Test Voltage: ±1000v->±100V Attenuation
Test Environment: Humidity: 50±5% Temperature: 23±3°C

Product Dimension

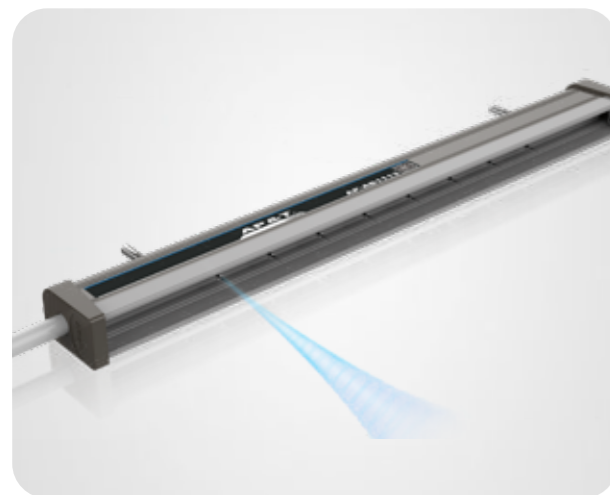


AP-AB1113

ELECTROSHOCK-PROOF HIGH EFFICIENCY POWER FREQUENCY AC ION BAR

Product Profile

AP-AB1113 ion bar adopts power frequency AC high voltage technology to ionize air molecules through impedance couplers applied to dedicated emission electrodes, producing positive & negative ions and transferring onto the surface of the objects where static electricity needs to be eliminated to neutralize electrostatic charges so as to realize high efficiency static elimination.



Industry Application

Widely Used in film, printing, plastics, textiles and other industries.



Product Feature

01  Electric shock proof Avoid the injures from accidental human contact	02  Easy Installation Bolts can be installed and moved on the back of the special strip notch
03  Power Supply Standard configured high voltage power supply	04  Standard configured tungsten needle Longer service life
05  CE Certified Electromagnetic protection function	

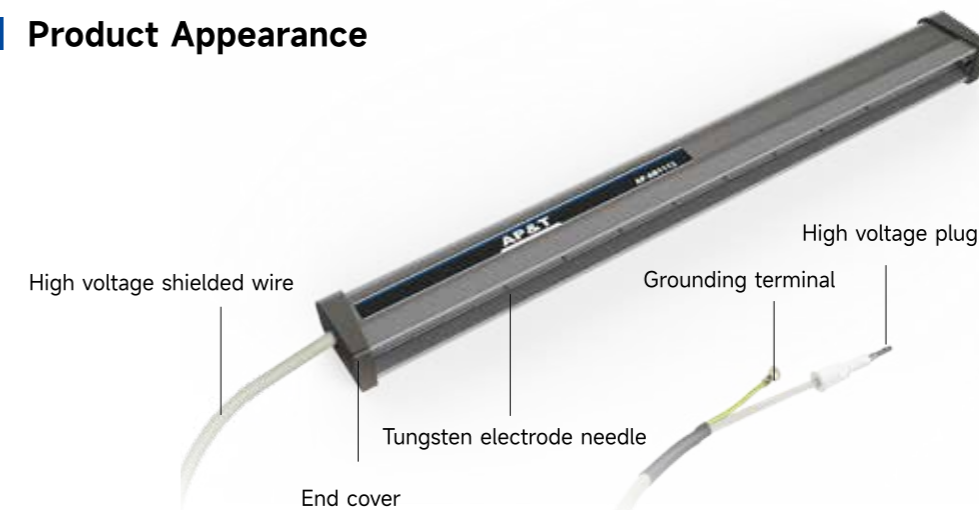
Supporting Power Supply

Tows one power supply	Tows two power supply
 AP-AY1504	 AP-AY2504
 AP-AY1506	 AP-AY2506

Product Parameter

Model	AP-AB1113		
Power	20W	Working temperature	0°C - 50°C
Ion emission	Power frequency AC	Working humidity	< 70%
Emitter electrode	Tungsten	Dimensions	L*W*H (150mm → 3000mm) *21mm*32.4mm
Discharge structure	Resistance coupling	Bar material	Flame retardant PVC、AL
Discharge range	L*W*H(150mm → 3000mm)*300mm*100mm	Packaging accessories	M4*20 hexagonal mounting bolts
Installation distance	30 → 100mm	Power cord length	2.5m (Customizable upon request. Maximum 10m)
Ion balance	≤ ±30V (AVG)	Warranty	1 Year
Discharge speed	≤ 1.0s (Working distance 100mm)	Certification	CE
Working voltage	one bar length < 1m or two bars length < 1m: AC5600V / one bar length ≥ 1m or two bars length ≥ 1m: AC7000V		
Power adapter	AP-AY1506: one bar length < 1m; / AP-AY2506: two bars length < 1m AP-AY1504: one bar length ≥ 1m; / AP-AY2504: two bars length ≥ 1m		

Product Appearance



Discharge Effect Drawing

	150mm	0mm	150mm
30mm	0.226s	0.013s	0.145s
50mm	0.248s	0.033s	0.166s
70mm	0.352s	0.005s	0.245s
100mm	0.762s	0.044s	0.516s

150*150mm Flat Panel Tester

Test Standard: ANSI/ESD.STM3.1.SJ/T 11446-2013

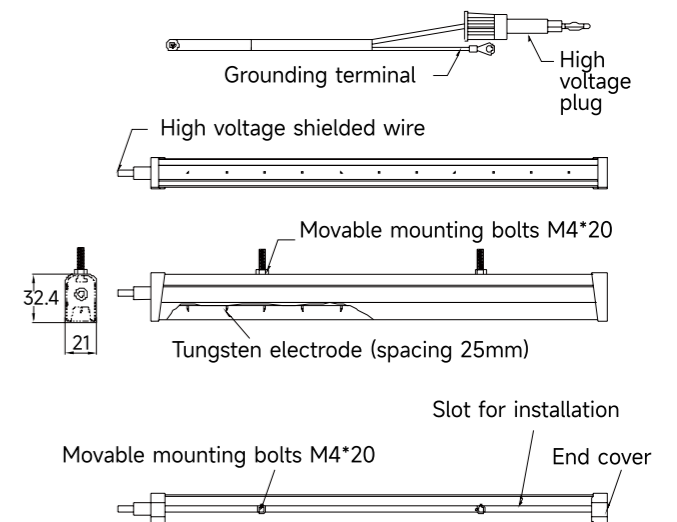
Test Instrument: TREK157 Static Tester

Test Voltage: ±1000V->±100V Attenuation

Test Environment: Humidity: 50±5%

Temperature: 23±3°C

Product Dimension

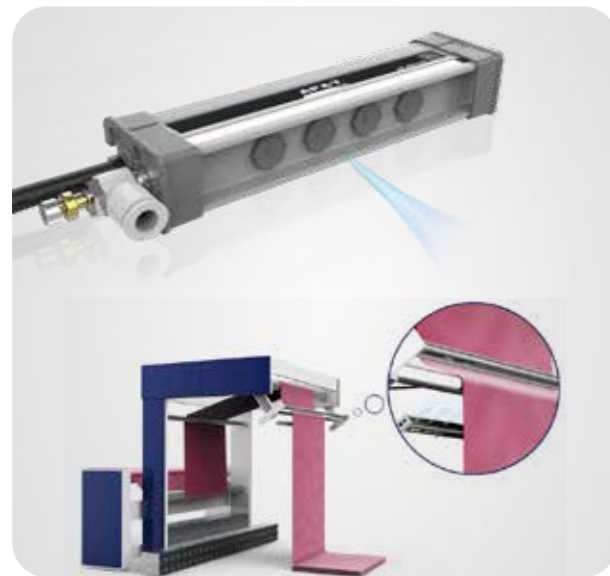


AP-AB1123

ELECTROSHOCK-PROOF HIGH EFFICIENCY AC ION BAR

Product Profile

AP-AB1123 ion bar adopts power frequency AC static elimination technology. Bar size compact and requires small installation space. It is safe and reliable to work under high voltage, micro current (μA grade) with high efficiency of static elimination. Tungsten electrode with longer ionization capacity.



Industry Application

Widely Used in film, printing, plastics, textiles and other industries.



Product Feature

<p>01</p>  <p>Electric shock proof Avoid the injures from accidental human contact</p>	<p>02</p>  <p>Easy to replace discharge parts Easy to replace and reduce the cost of using the equipment</p>
<p>03</p>  <p>Power Supply Standard configured high voltage power supply</p>	<p>04</p>  <p>Standard configured tungsten needle Longer service life of tungsten electrode needle</p>
<p>05</p>  <p>CE Certified Electromagnetic protection function</p>	

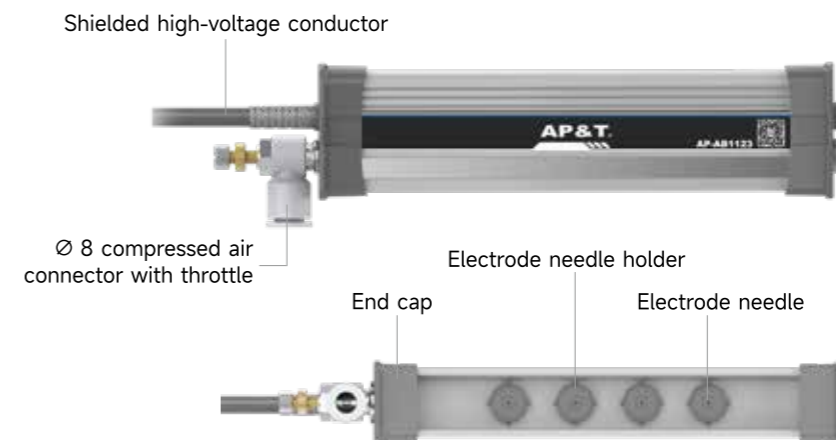
Supporting Power Supply

<p>Tows one power supply</p>  <p>AP-AY1504</p>  <p>AP-AY1506</p>	<p>Tows two power supply</p>  <p>AP-AY2504</p>  <p>AP-AY2506</p>
--	--

Product Parameter

Model	AP-AB1123		
Work voltage	length of one bar < 1m or length of 2 ion bars in all < 1m: AC5600V Length of one bar \geq 1m or length of 2 ion bars in all \geq 1m: AC7000V	Power	20W
Discharge speed	without air source: \leq 1.0s (vertical test distance: 100mm)	Ion emission	Power frequency AC
	with air source: \leq 2.0s (vertical test distance 300mm)	Emitter electrode	Tungsten
Discharge range	Without air source: L*W*H (175mm \rightarrow 3000mm) *300mm*100mm	Discharge structure	Resistance coupling
	With air source: L*W*H (175mm \rightarrow 3000mm) *300mm*600mm	Accessories	M5-12*12*4 square mounting nut
supporting power supply	AP-AY1506: Length of one bar < 1m /AP-AY2506: Length of 2 ion bars in all < 1m	Ion balance	\leq \pm 50V (I AVG)
	AP-AY1504: Length of one bar \geq 1m /AP-AY2504: Length of 2 ion bars in all \geq 1m	Compressed air flow	Clean and dry air
Installation distance	Without air source: 30 \rightarrow 100mm ; with air source: 100 \rightarrow 600mm	Throttle air source connector	Φ 8-G1/8 gray and white
Working temperature	0° C - 45° C	Working humidity	< 70%
Power cord length	2.5m (length customizable with maximum size up to 10m)	Material of ion bar body	Flame retardant PVC, SUS
Dimension	L*W*H (175mm \rightarrow 3000mm) *31.2mm*46.5mm	Warranty	1 Year
		Certification	CE

Product Appearance



Discharge Effect Drawing

Without air source Bar Length 1500mm	With air source Air Pressure 0.3Mpa, Bar Length 1500mm
<0.1s +1.3V 30mm	0.2s +67.4V 150mm
<0.1s -37.4V 50mm	1.0s +48.9V 300mm
<0.1s -61.3V 70mm	2.2s +40.5V 450mm
<0.1s -48.1V 100mm	3.6s +33.1V 600mm
	5.6s +31.4V 750mm
	8.7s +26.6V 900mm

Note: Align head and tail pins at left and right ends with the edge of plate

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

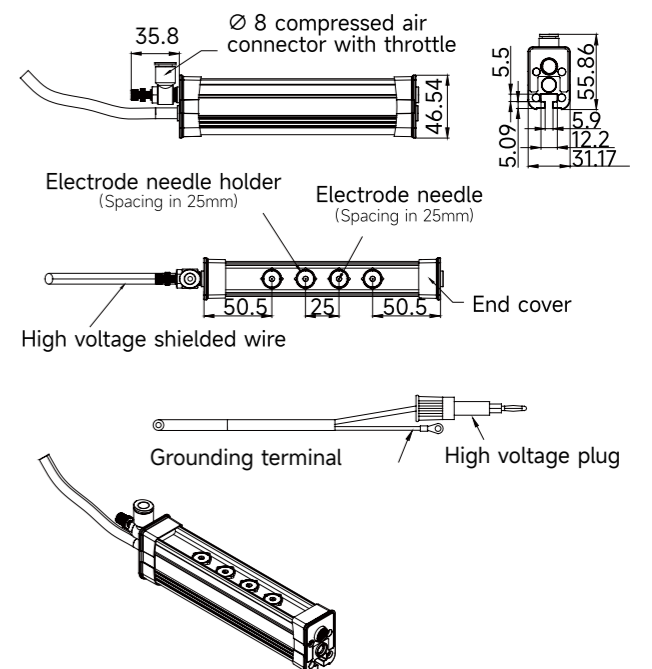
Test Instrument: TREK158A plate charge tester

Test Voltage: \pm 1000V \rightarrow \pm 100V Attenuation

Test Environment: Humidity: 50 \pm 5%

Temperature: 23 \pm 3°C

Product Dimension



AP-AB1602A

EXPLOSION-PROOF ION BAR

Product Profile

AP-AB1602A ion bar adopts power frequency AC static elimination technology with explosion certification. Explosion-proof level of the product is Ex sb IIB T4 Gb, Explosion-proof certificate number GYB21.3386X. It can eliminate static electricity in the inflammable and explosive working place. It works safely and reliably under high voltage and low current (μA class) working status.



Industry Application

It can be widely used in printing, plastics, textiles, coating, chemical industry with inflammable conditions.



Product Feature

<p>01</p>	<p>02</p>
<p>Electric shock proof Avoid the injuires from accidental human contact</p>	<p>Power supply Standard configured high voltage power supply</p>
<p>03</p>	<p>04</p>
<p>Easy installation Hex bolts, Place the slider nut into the specially made bar-shaped slot on the back of the bar, which allows for sliding left and right</p>	<p>Explosion-proof certificate Used in corresponding level to IIB or lower level inflammable explosion working place</p>
<p>05</p>	<p>CE Certified Electromagnetic protection function</p>

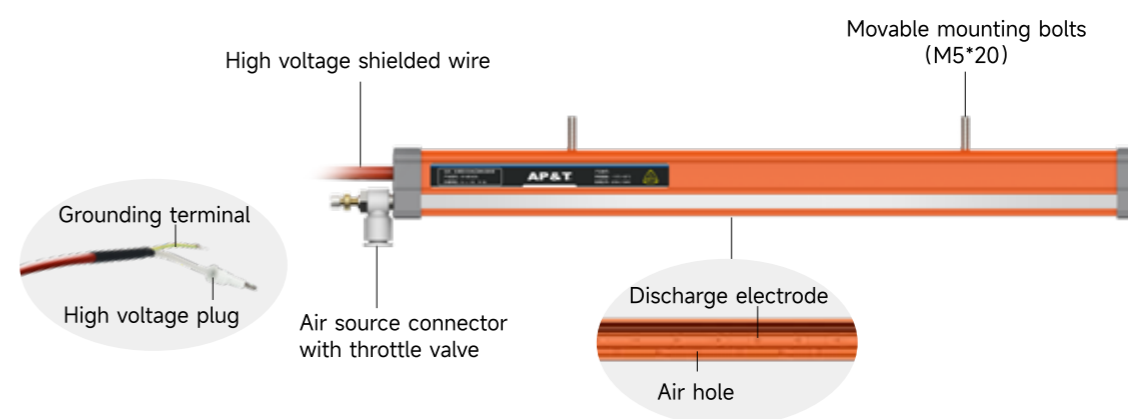
Supporting Power Supply

<p>Tows one power supply</p> <p>AP-AY1604</p>	<p>Tows two power supply</p> <p>AP-AY2604</p>
---	---

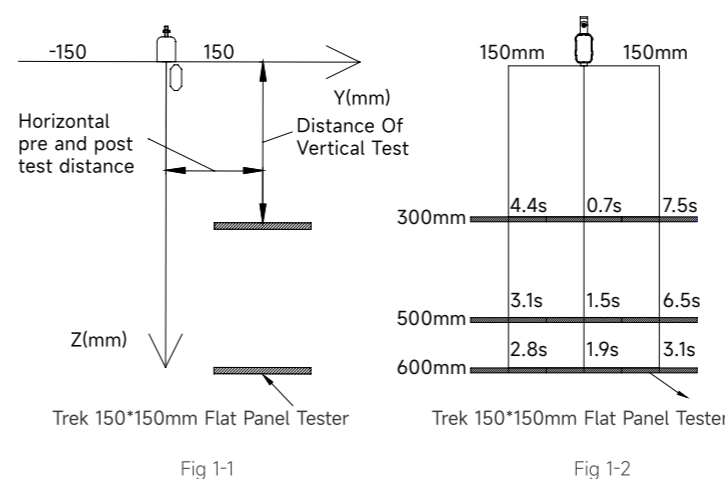
Product Parameters

Model	AP-AB1602A		
Explosion-proof level	Ex sb IIB T4 Gb	Air source connector with throttle valve	$\Phi 8\text{-G1/8}$ gray and white
Explosion certificate No.	GYB21.3386X	Ion balance	$\leq \pm 50\text{V}$
Working voltage	Power frequenc $\leq \text{AC}7000\text{V}$	Discharge speed	$\leq 2.5\text{s}$ (Test data may vary with test conditions)
Power	20W	Working temperature	$0^\circ\text{C} - 50^\circ\text{C}$
Ion emission	Power frequency AC	Working humidity	$< 70\%$
Emitting electrode	Tungsten	Bar body material	Flame retardant PVC
Discharge structure	Resistance coupling	Dimension (L*W*H)	(110mm \rightarrow 3000mm) *28.6mm*38.7mm
Electrode high voltage	$\leq 7000\text{V}$	Installation accessories	Hex bolt M5*20
Electrode pin bonding capacitance	$< 3.5\text{pF}$	Supporting power supply	AP-AY1604/2604
Discharge range (L*W*H)	(150mm \rightarrow 3000mm) *300mm*600mm	Power cord length	2.5m (Customizable upon request. Maximum 8m)
Installation distance	100 - 600mm	Warranty	1 Year
Airflow pressure	$\leq 0.6\text{MPa}$	Certification	CE

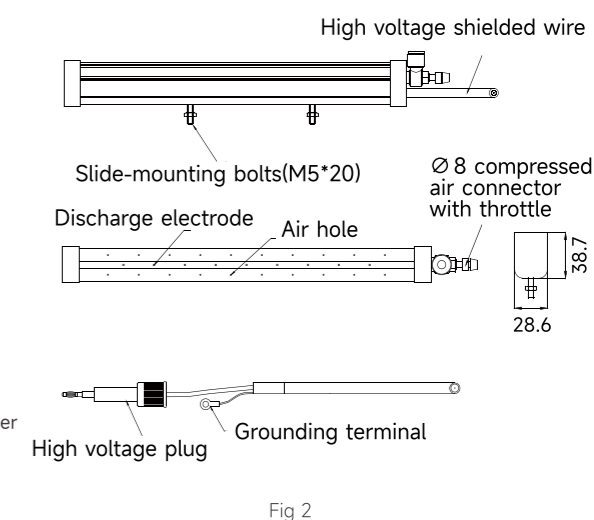
Product Appearance



Discharge Effect Drawing



Product Dimension



Test Standard: ANSI/ESD.STM3.1, SJ/T 11446—2013
 Test Instrument: Trek plate charge tester
 Test Voltage: $\pm 1000\text{V} \rightarrow \pm 100\text{V}$ Attenuation
 Test Environment: Humidity: $50 \pm 5\%$
 Temperature: $23 \pm 3^\circ\text{C}$

AP-DC5602

DC ION BAR

Product Profile

AP-DC5602 model direct current ion bar is a bar-type static elimination device developed and produced by AP&T Company, designed to eliminate static electricity on the surface of objects. Uses direct high voltage, acting on specialized emission electrodes, to ionize air molecules, producing a large number of positive and negative ions; these ions are then delivered to the surface of the object from which static electricity is to be eliminated, neutralizing positive and negative static charges, achieving the purpose of efficiently and reliably eliminating static electricity.



Industry Application

It can be widely used in Suitable for plastic, film, printing industries conditions.



Product Feature

<p>01</p>	<p>02</p>
<p>Unique structural design made strip slot on the back of the bar body, allowing movable mounting bolts</p>	<p>Strong discharge ability Suitable for objects with medium to high speed movement and high friction intensity for static elimination</p>
<p>03</p>	<p>04</p>
<p>Double row needle discharge structure design Utilizes DC static elimination technology for excellent performance</p>	<p>CE Certified Electromagnetic protection function</p>

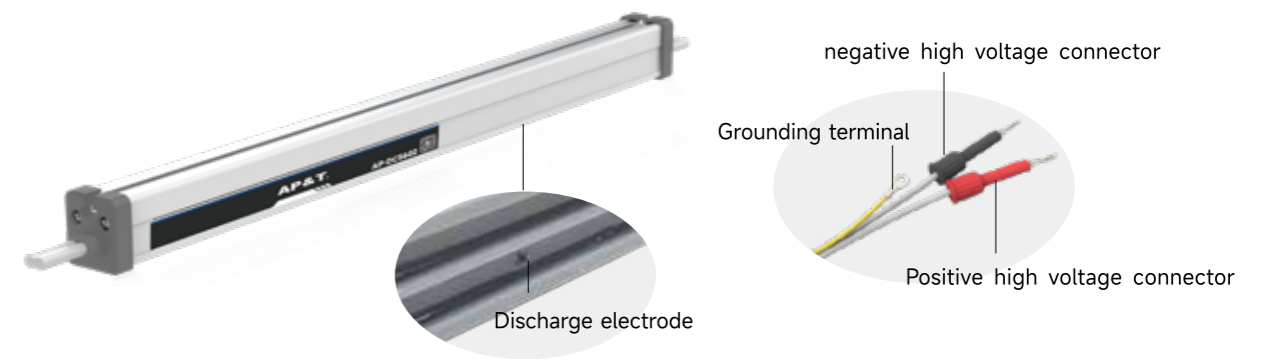
Supporting Power Supply

<p>Power supply</p> <p>AP-DY7211</p>	<p>Digital display Power supply</p> <p>AP-DY7221</p>
--------------------------------------	--

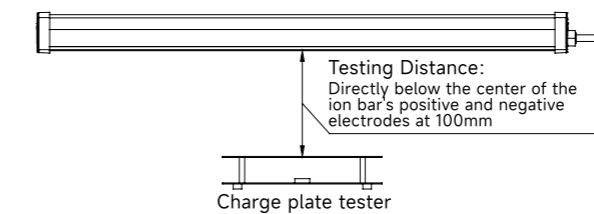
Product Parameters

Model	AP-DC5602		
Working voltage	DC±10000-12000V	Working temperature	0°C -50°C
Power	< 10W	Working humidity	< 70%
Ion emission	DC	Dimensions	L*W*H: {360,510,660 → 3060mm}*34.5*38.5mm
Emitter electrode	Tungsten	Bar material	Flame retardant PVC, AL
Discharge structure	No coupling electrical contact	Packaging accessories	M5×20 Hexagonal mounting bolts / Nuts
Discharge range	L*H:(Bar length-135mm)*34.5*100mm	Power supply	AP-DY7211/AP-DY7221
Installation distance	30 → 100mm	Power cord length	2.5m (Customizable up to 5m)
Discharge speed	≤ 2.0s (Discharge distance 100mm)	Warranty	1 Year
Ion balance	≤ ±50V (AVG)	Certification	CE

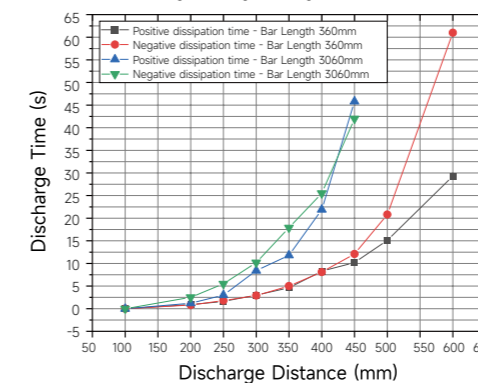
Product Appearance



Discharge Effect Drawing



Test data shown below (Length of high-voltage cable: 2500mm):



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

Test Instrument: Trek156A plate charge tester

Test Voltage: ±1000V → ±100V Attenuation

Test Environment: Humidity: 50±5% Temperature: 23±3°C

Product Dimension

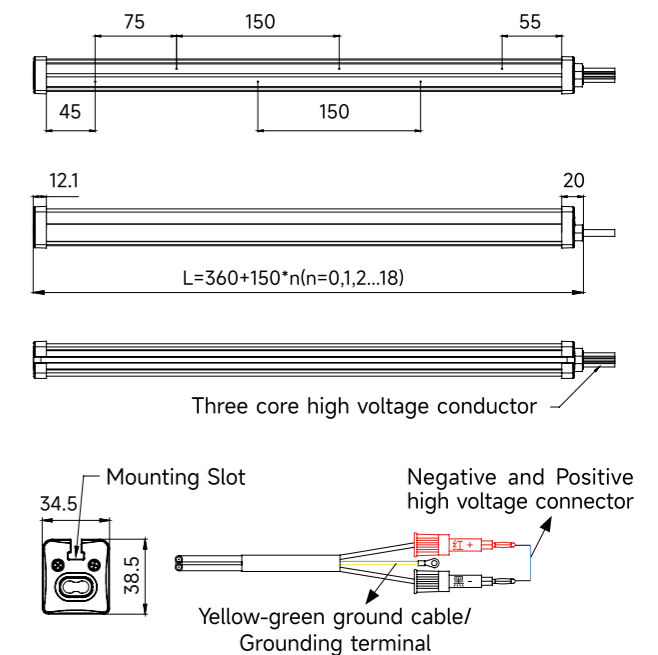


Fig 1

AP-DC2451-001

SELF-CLEANING DESKTOP IONIZING AIR BLOWER

Product Profile

AP-DC2451-001 ionizing blower ionize air molecules by corona discharges through DC high voltages with positive and negative synchronous emission electrodes, producing large amount of positive and negative air ions which are transferred to the surface of the target object by axial flow fan for static elimination.



Industry Application

Widely used in electronics, semiconductor, optoelectronics or other industries.



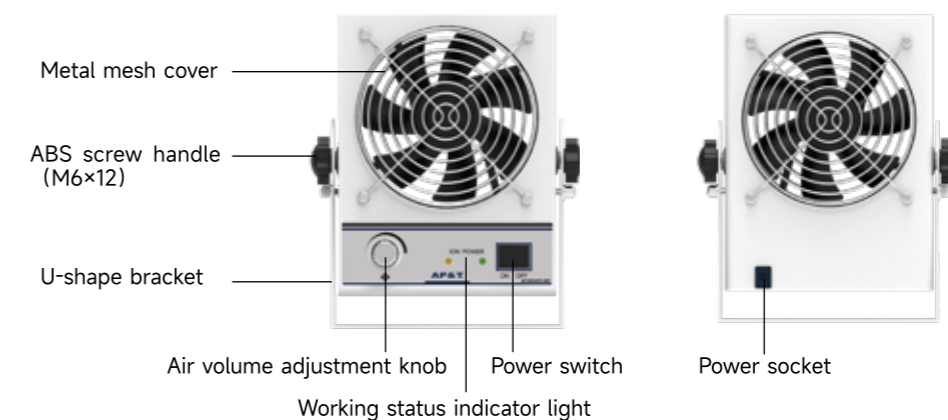
Product Feature

<p>01</p> <p>Standard configured tungsten needle With long-service life</p>	<p>02</p> <p>Automatic needle brushing Automatic needle brushing when powered on. Automatic needle brushing once as per 8 hours</p>
<p>03</p> <p>Power supply Configure the dedicated external power adaptor</p>	<p>04</p> <p>CE Certified Electromagnetic protection function</p>

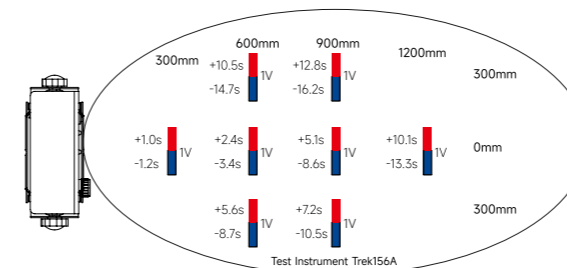
Product Parameters

Model	AP-DC2451-001						
Input voltage	15V	Ozone thickness	≤ 0.05ppm (150mm away from the wind outlet)				
Power	9W	Working temperature	0-50°C				
Working voltage	±DC4000-DC7000V	Working humidity	30-70%RH				
Ion Emission	Stable DC	Dimension	140*55*185mm (L*W*H) (Air blower body dimension)				
Emission electrode	Tungsten alloy	Outer shell size	Aluminum powder spray coating				
Discharge range	750*300mm (L*W)	Audio noise	≤ 43db (1m away from the air outlet)				
Discharge speed	≤ 2.0s (300mm right ahead of the air outlet)	Installation accessories	One pair of U-shape aluminum powder spray coating mounting bracket, One pair of ABS screw handle(M6 x 12)				
Ion balance	≤ ±10V (300mm right ahead of the air outlet)	Gross weight	1.35kg (Including: external power adaptor and packaging)				
Alarm indicator	Blower under normal working status when power indicator light is on						
Discharge structure	Uncoupled electrical contact(discharge cylinder)						
Supporting power supply	INPUT: 100-240V 50/60Hz、 OUTPUT: DC15V 1000mA						
Net weight	0.85kg	Air volume	≤ 89.1CFM	Warranty	1 Year	Certificate	CE

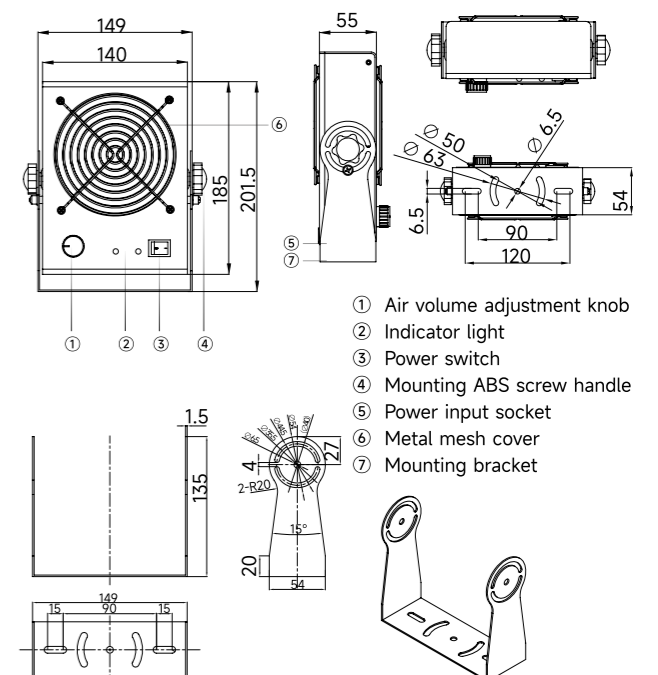
Product Appearance



Discharge Effect Drawing



Product Dimension



Test Standard: ANSI/ESD.STM3.1, SJ/T 11446—2013
Test Instrument: Trek156A plate charge tester
Test Voltage: ±1000V → ±100V Attenuation
Test Environment: Humidity: 50±5%
 Temperature: 23±3°C

Test data diagram below (Test distance: 300mm right front, Maximum wind speed)



AP-DC2453

MINI IONIZING AIR BLOWER

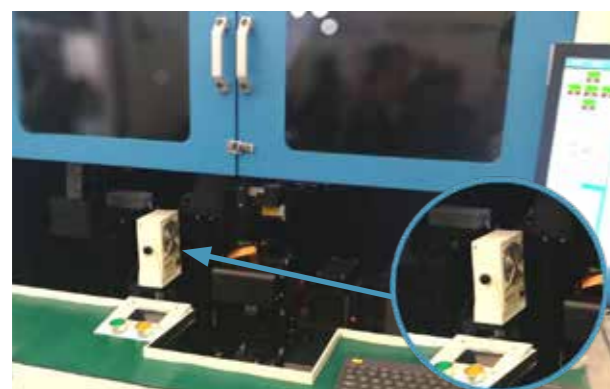
Product Profile

AP-DC2453 ionizing air blower adopts DC working method with impact and small size, which can be installed inside the device for static elimination. Low power consumption and long service life, it is safe, reliable with stable performance.



Industry Application

Widely used in electronics, optoelectronics, semiconductor and other industries.



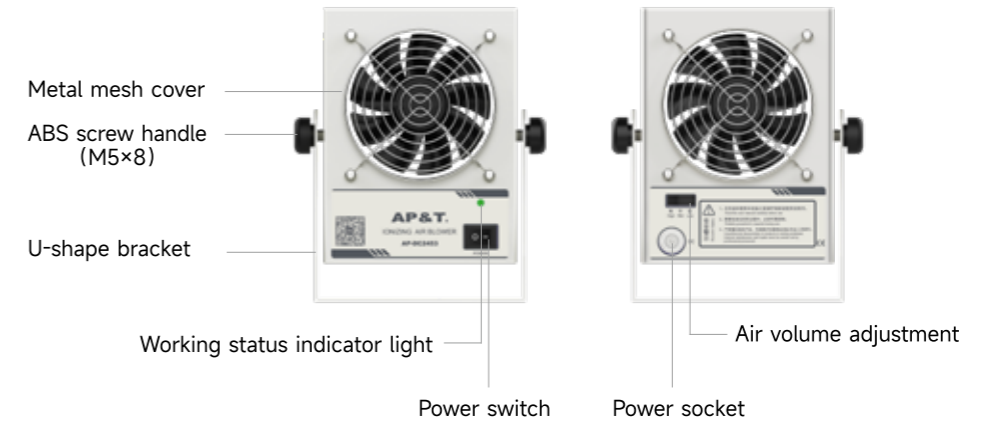
Product Feature

<p>01</p> <p>Standard configured tungsten needle With longer service life</p>	<p>02</p> <p>Three-speed adjustment Wind speed can be adjusted in high, middle and low three gears</p>
<p>03</p> <p>Power supply Configure the dedicated external power adaptor</p>	<p>04</p> <p>Mini style Can be installed inside devices for static elimination</p>
<p>05</p> <p>CE Certified Electromagnetic protection function</p>	

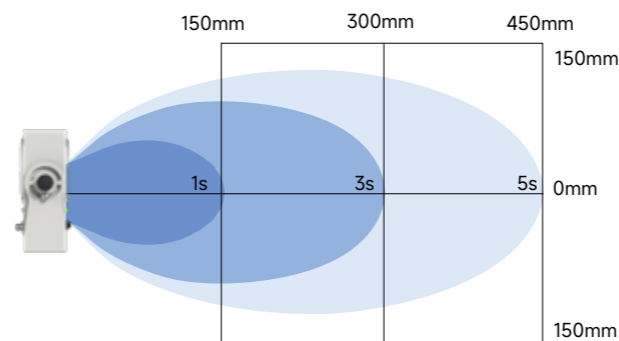
Product Parameters

Model	AP-DC2453			
Input voltage	DC12V	Ozone thickness	≤ 0.05ppm (150mm away from the air outlet)	
Power	5.5W	Dimensions	85*45*112mm (L*W*H)	
Working voltage	±DC3000-DC5000V	Outer shell material	Aluminum powder coating	
Ion emission	Steady-state DC	Discharge structure	Uncoupled electric contact (discharge cylinder)	
Emitter electrode	Tungsten Alloy	Audio noise	≤ 38.9db (1m away from the air outlet)	
Discharge range	450*300mm (L*W)	Supporting power supply	INPUT: AC100-240V 50/60Hz OUTPUT: DC12V 1000mA	
Discharge speed	≤ 1.5s (150mm right ahead the air outlet)	Net weight	446.9g (Ionizing air blower including mounting bracket and ABS screw handle)	
Ion balance	≤ ±15V (150mm away from the air outlet)	Gross weight	About 724.3g	
Air volume	≤ 48.2CFM	Alarm indicator The power indicator light on indicates working normally		
Installation accessories	1 pair of U-shaped aluminum spray powder mounting bracket, 1 pair of ABS screw handles(M5×8)			
Working temperature	0-50°C	Working humidity	30-70%RH	Warranty 1 Year Certification CE

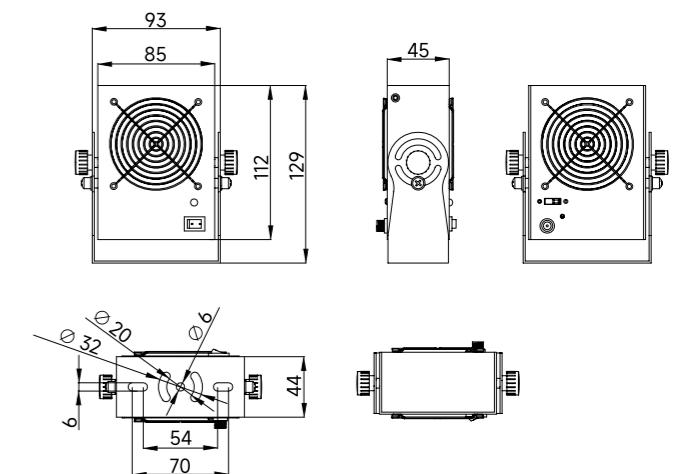
Product Appearance



Discharge Effect Drawing



Product Dimension



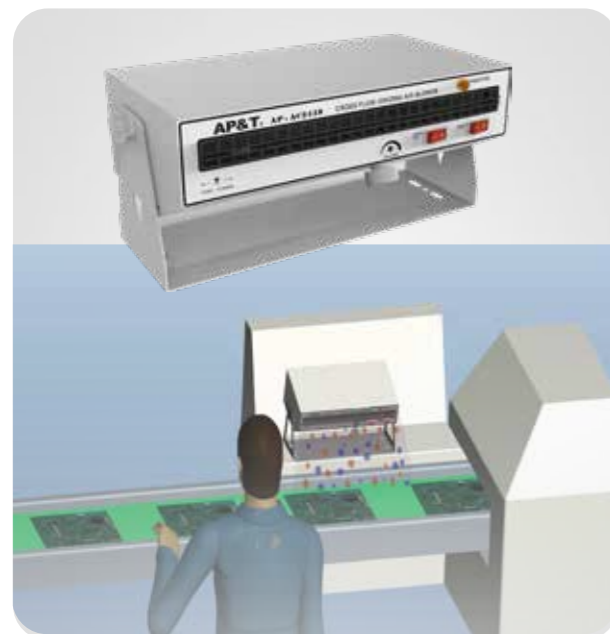
Test Standard: ANSI/ESD.STM3.1, SJ/T 11446—2013
 Test Instrument: Trek157 static tester
 Test Voltage: ±1000V → ±100V attenuation
 Test Environment: Relative humidity: 50±5%
 Temperature: 23±3°C

AP-AC2459

CROSS FLOW IONIZING AIR BLOWER

Product Profile

AP-AC2459 cross flow ionizing air blower produces corona discharges through AC high voltage to ionize air molecules, producing large amounts of positive and negative air ions which are transferred onto the surface of the object for static elimination.



Industry Application

Widely used in electronics, plastics, chemicals, printing, optoelectronics and other industries.



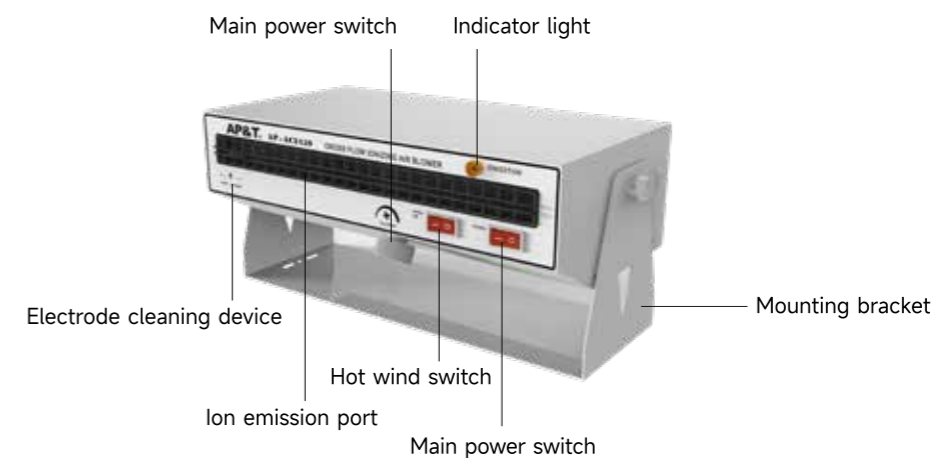
Product Feature

<p>01</p> <p>Wide range of static elimination Wide range, large coverage area by wide range and long distance ionic airflow High-speed static elimination Lower balanced voltages</p>	<p>02</p> <p>Built-in electrode cleaning device Easy maintenance and cleaning Ensure the optimal working status</p>
<p>03</p> <p>Stepless fan speed adjustment Stable performance</p>	<p>04</p> <p>CE Certified Electromagnetic protection function</p>

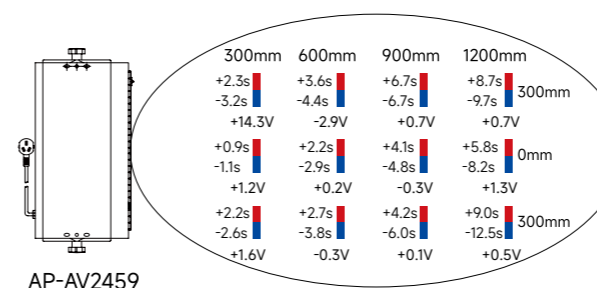
Product Parameters

Model	AP-AC2459		
Input voltage	AC220V/50Hz or AC110V/60 Hz	Air volume	70-120CFM
Working voltage	AC3500V	Noise	≤ 55db (1m away from the air outlet)
Ion emission	Power frequency AC	Ozone thickness	≤ 0.03ppm (150mm away from the air outlet)
Emitter electrode	Tungsten alloy	Working temperature	0 ~ 50°C
Discharge structure	Uncoupled electrical contact	Working humidity	30-70%
Power	50W/250W (Heating)	Dimension	390*216*151mm (L*W*H) (Blower body size)
Ion balance	≤ ±10V (300mm right ahead of the air outlet)	Discharge range	360×750mm (W*L)
Alarm indicator	indicator light on for normal working	Net weight	About 7400g
Discharge speed	≤ 2s (300mm right ahead of the air outlet)	Gross weight	About 8200g (Installation accessories included)
Installation accessories	One pair of U-shape aluminum powder coating mounting bracket, One pair of bakelite screw handle (M8*16)		

Product Appearance

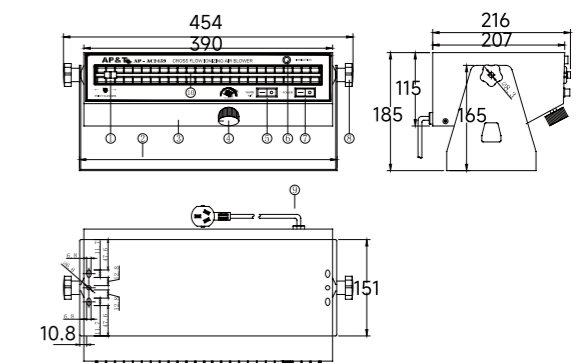


Discharge Effect Drawing



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°C

Product Dimension



- ① Electrode cleaning device
- ② Mounting bracket
- ③ Device body
- ④ Air volume adjustment
- ⑤ Hot wind switch
- ⑥ Indicator light
- ⑦ Main power switch
- ⑧ Screw handle
- ⑨ Power connection cable
- ⑩ Ion emission port

AP-AC2452 SERIES

SELF-CLEANING OVERHEAD IONIZING AIR BLOWER

Product Profile

AP-DC2452 ionizing air blower series ionize air molecules by corona discharges through DC high voltages with positive and negative synchronous emission electrodes, producing large amount of positive and negative air ions which are transferred to the surface of the target object by axial flow fan for static elimination.



Industry Application

Widely used in electronics, optoelectronics, semiconductor and other industries.

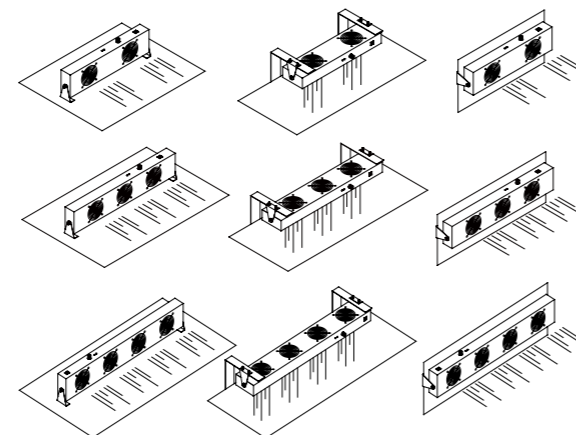


Product Feature

<p>01</p> <p>Standard configured tungsten alloy needle Tungsten alloy Service life is longer than Titanium, silicon material</p>	<p>02</p> <p>Automatic needle brushing Automatic needle brushing when powered on, Automatic brushing once as per 8 hours</p>
<p>03</p> <p>Suitable for static elimination in large areas Dual/Three/Four units independent transmitter combination</p>	<p>04</p> <p>CE Certified Electromagnetic protection function</p>

Product Use

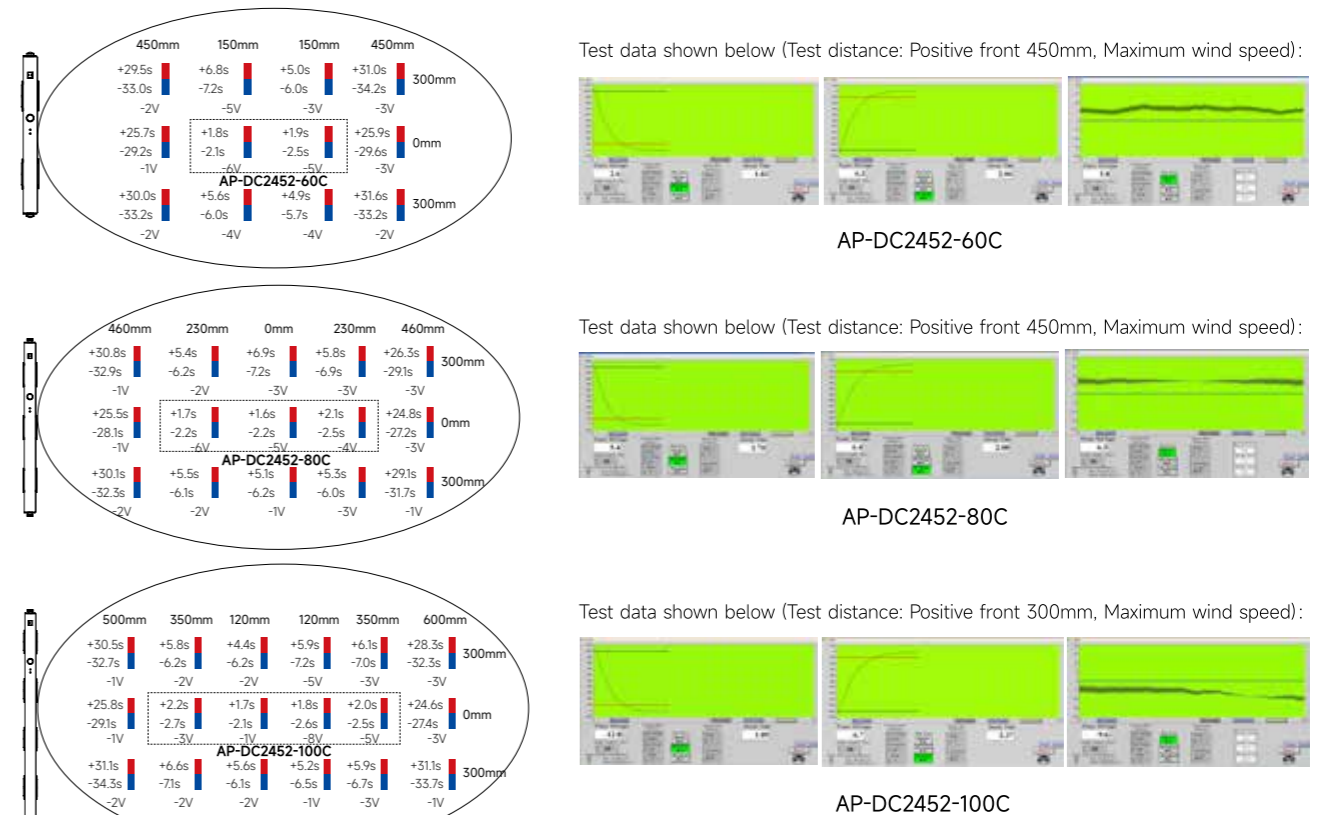
Fix the blower bracket into the sturdy and flat surface with screws or bolts (Such as wall or shelf). The angle of the blower can be adjusted by the knobs on both sides of the bracket to reach the best static elimination effect.



Product Parameters

Model	AP-DC2452-60C	AP-DC2452-80C	AP-DC2452-100C
Input voltage	AC220V/50Hz or 110V/60Hz		
Power	15W	18W	25W
Working voltage	±DC4000-DC7000V		
Ion emission	Stable current		
Emission electrode	Tungsten		
Discharge structure	Uncoupled electrical contact(discharge cylinder)		
Discharge range	600*300*750mm (L*W*H)	800*300*750mm (L*W*H)	1020*300*750mm (L*W*H)
Discharge speed	≤ 3s (450mm vertical from the center of the wind outlet)		
Ion balance	≤ ±10V (450mm vertical from the center of the wind outlet)		
Alarm indicator	Power indicator always on, working normally		
Air volume	≤ 2*89.1CFM	≤ 3*89.1CFM	≤ 4*89.1CFM
Audio noise	≤ 55db (150mm away from the wind outlet)	≤ 60db (150mm away from the wind outlet)	≤ 65db (150mm away from the wind outlet)
Ozone thickness	≤ 0.05ppm (150mm away from the wind outlet)		
Dimension	600*150*55mm(L*W*H) (Size of the blower body)	800*150*55mm(L*W*H) (Size of the blower body)	1000*150*55mm(L*W*H) (Size of the blower body)
Outer shell material	Aluminum powder spray coating		
Installation accessories	One pair of L-shape aluminum powder spray coating mounting bracket, one pair of ABS screw handle (M6x12)		
Net weight	1.95KG including power cord, bracket accessories etc	2.55KG Including accessories: 1 power cord, 1 mounting bracket, 2 screw handle and gasket kits	3.1KG
Gross weight	2.3KG	3.1KG	4.75KG
Working temperature	0-50°C	Working humidity	30-70%RH
Warranty	1 Year	Certificate	CE

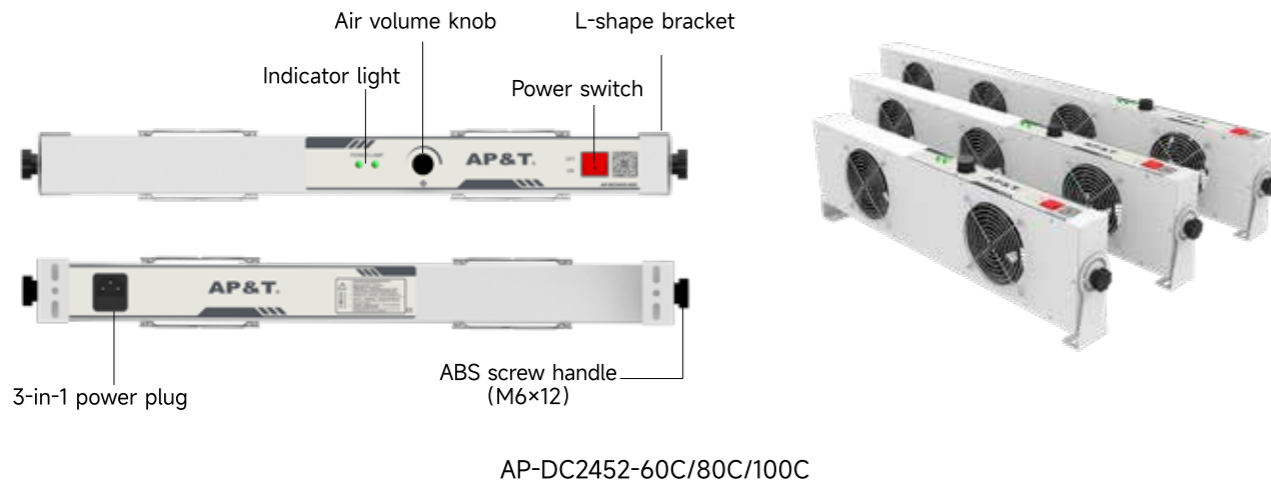
Discharge Effect Drawing



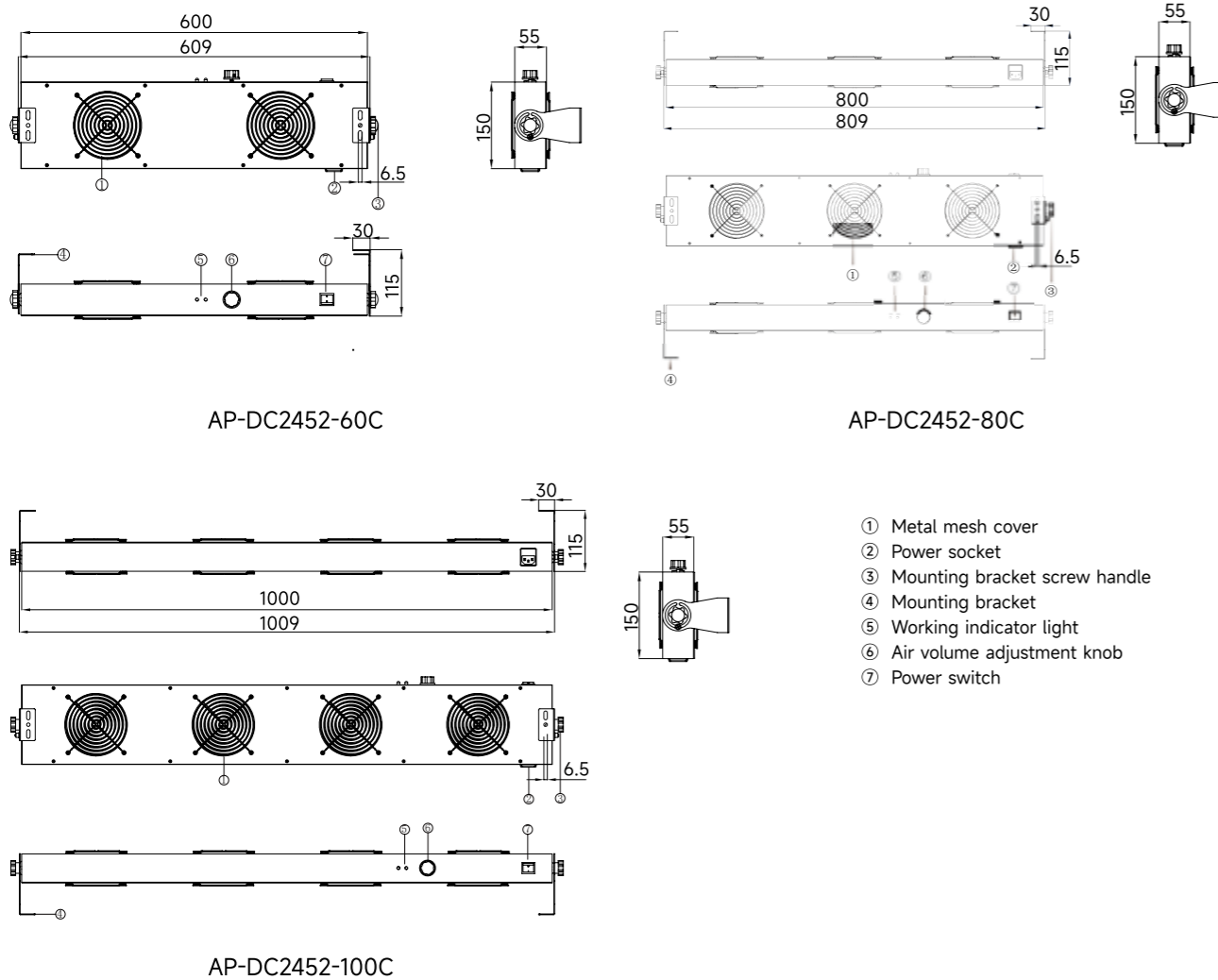
Test Standard: ANSI/ESD.STM3.1, SJ/T 11446—2013 Test Voltage: ±1000V → ±100V Attenuation
 Test Instrument: Trek157 static tester Test Environment: Humidity: 50±5% Temperature: 23±3°C

ION BAR SERIES
 IONIZING AIR BLOWER SERIES
 DUST REMOVAL SERIES
 STATIC METER SERIES
 STATIC SENSOR SERIES

Product Appearance



Product Dimension

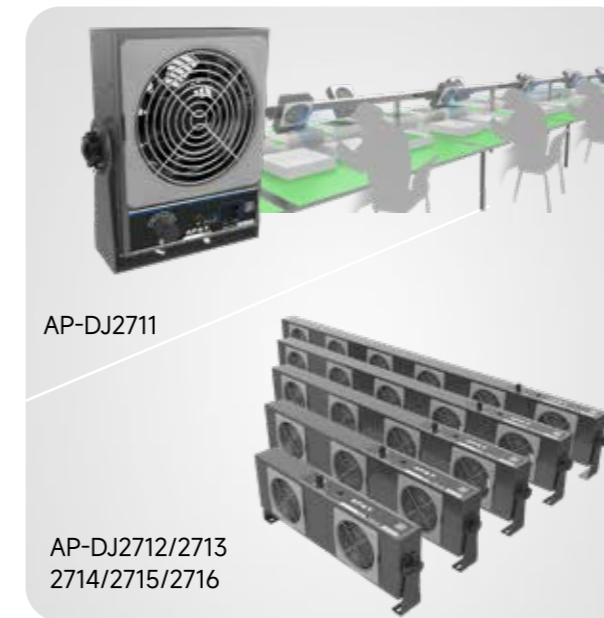


AP-DJ271X SERIES

INTELLIGENT CONTROL/NETWORK IONIZING AIR BLOWER

Product Profile

AP-DJ271X series ionizing blower adopt DC static elimination technology with 1-6 fans optional for different static elimination requirements. With automatic cleaning, intelligent remote control, network monitoring function.



Product Feature

<p>01</p> <p>Magnetic mesh cover Power off when mesh cover is taken off. Easy for disassemble and maintenance</p>	<p>02</p> <p>Standard configured tungsten needle 4 discharge electrodes with long-time ionization ability</p>
<p>03</p> <p>Indicator light Red light alarm: Blower breakdown and high voltage abnormal Blue light flashing: Debugging or cleaning Bright green: normal working</p>	<p>04</p> <p>Built-in brush Automatic needle brushing when power on with setting as 8 hours once for manual needle brushing cleaning and maintenance free</p>
<p>05</p> <p>5-speed wind volume adjustment Output air volume 1.45 times more than that of the traditional blower</p>	<p>06</p> <p>On-line communication Monitoring the ionizing blower working status</p>
<p>07</p> <p>CE Certified Electromagnetic protection function</p>	

Industry Application

Widely used in electronics, optoelectronics, semiconductor and other industries.



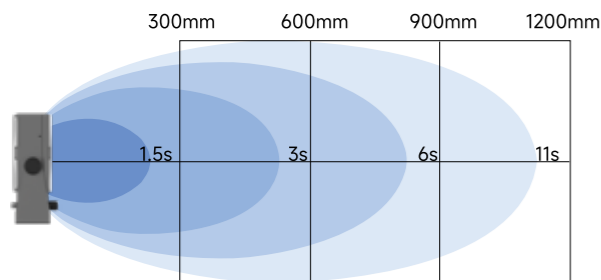
STATISTICAL SENSOR SERIES
 STATIC METER SERIES
 ION BAR SERIES
 IONIZING AIR BLOWER SERIES
 DUST REMOVAL SERIES

Product Parameters

Model	AP-DJ2711	AP-DJ2712	AP-DJ2713	AP-DJ2714	AP-DJ2715	AP-DJ2716
Input voltage	DC 24V (RJ45 interface)	DC 24V (RJ45 interface) /3-in-1 socket (220VAC 50/60Hz)				
Input current	< 0.45A DC	< 0.15A AC	< 0.2A AC	< 0.25A AC	< 0.3A AC	< 0.21A AC
Output voltage	DC±4KV → ±7KV					
Power	< 12W	< 33W	< 44W	< 55W	< 66W	< 77W
Ion emission	Steady-state DC					
Emission electrode	Tungsten					
Discharge range	750*300mm	750*550mm	750*800mm	750*1050mm	750*1300mm	750*1550mm
Air volume	≤ 135CFM*1	≤ 135CFM*2	≤ 135CFM*3	≤ 135CFM*4	≤ 135CFM*5	≤ 135CFM*6
Audio noise	Single air outlet ≤ 58dBA (1000mm away from the air outlet)					
Ozone thickness	≤ 0.05ppm (150mm away from the air outlet)					
Ion balance	≤ ±10V		≤ ±15V			
Discharge time	≤ 2s (300mm right front the air outlet)		≤ 3s (450mm right below air outlet)			
Status indicator	Power on/clean operation—blue light flashes			High-voltage abnormal, red light flashing		
	Fan alarm, red light always on			Blue light flashes during infrared debugging		
	Normal working-green light on (always under monitoring status)					
Communication method	RS485					
Dimension (L*W*H)	142*67.5*190mm	500*67*154mm	750*67*154mm	1000*67*154mm	1250**67*154mm	1500*67*154mm
	Ionizing blower dimension					
Outer shell material	Aluminum powder spray coating					
Installation accessories	1 pair of U-shape iron powder spray mounting bracket, 1 pair of ABS screw handles (M6×12)		1 pair of L-shape iron powder spray mounting bracket, 1 pair of ABS screw handles (M6×12)			
Supporting power supply	INPUT: AC100—240V 50/60Hz			OUTPUT: DC24V 2A (Dual RJ45 interface)		
Net weight	1.8KG	3.2KG	3.9KG	4.7KG	5.5KG	6.3KG
Gross weight	2.3KG	3.5KG	4.5KG	5.8KG	7.2KG	8.8KG
Working temperature	0°C - 50°C		Working humidity		<70%RH	
Warranty	1 Year		Certificate		CE	

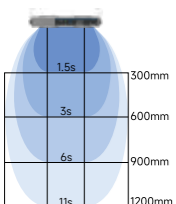
Discharge Effect Drawing

AP-DJ2711

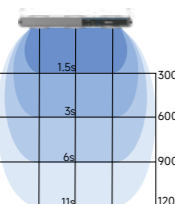


Test Standard: ANSI/ESD.STM3.1, SJ/T 11446—2013
 Test Instrument: Trek156A static tester
 Test Voltage: ±1000V → ±100V attenuation
 Test Environment: Humidity: 50±5%
 Temperature: 23±3°C

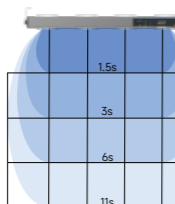
AP-DJ2712



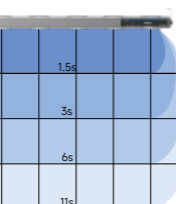
AP-DJ2713



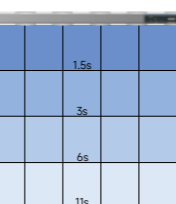
AP-DJ2714



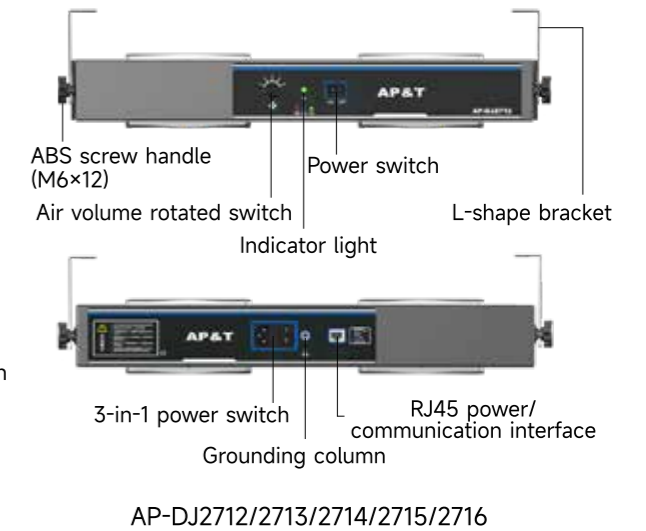
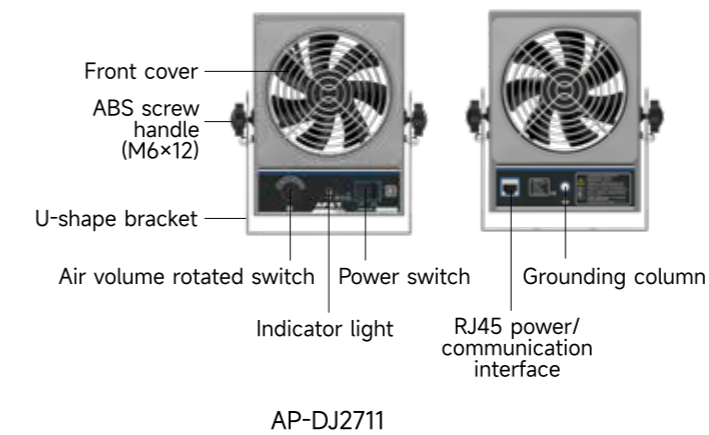
AP-DJ2715



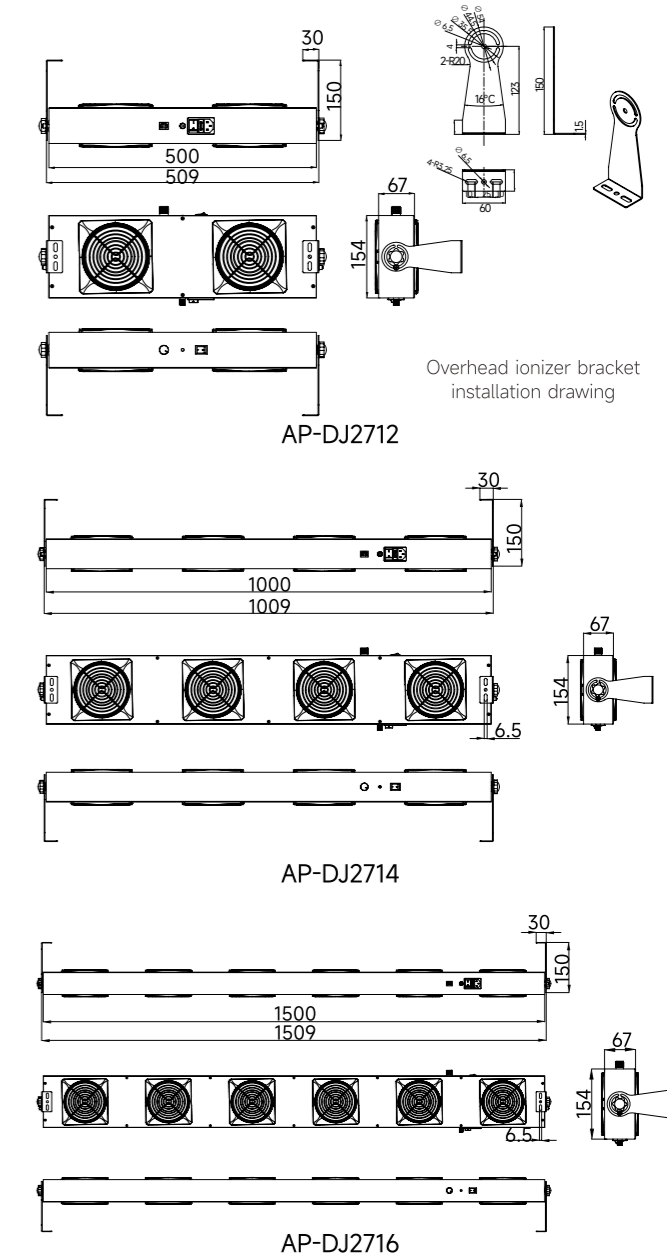
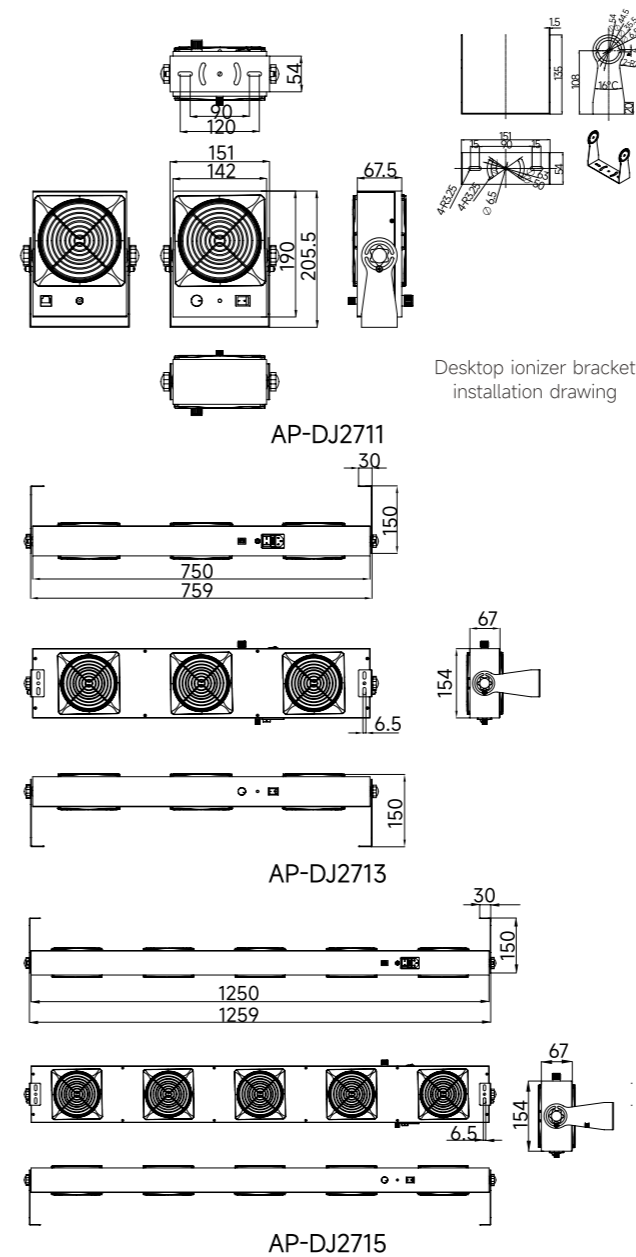
AP-DJ2716



Product Appearance



Product Dimension



STATIC SENSOR SERIES
 STATIC METER SERIES
 ION BAR SERIES
 IONIZING AIR BLOWER SERIES
 DUST REMOVAL SERIES

AP-DJ281X SERIES

INTELLIGENT CONTROL/NETWORK SCREEN DISPLAY IONIZING AIR BLOWER

Product Profile

AP-DJ281X series ionizing blower adopts DC static elimination technology with 1-4 fan ionizers optional to meet different kinds of static elimination requirements. Touch switch ON/OFF design. 5-speed high air volume adjustment. Stable performance. Output air volume 1.45 times more than that of traditional ionizing blower. LCD display screen shows ion balance. With Remote control and network monitoring.



Industry Application

Widely used in electronics, optoelectronics, semiconductor and other industries.



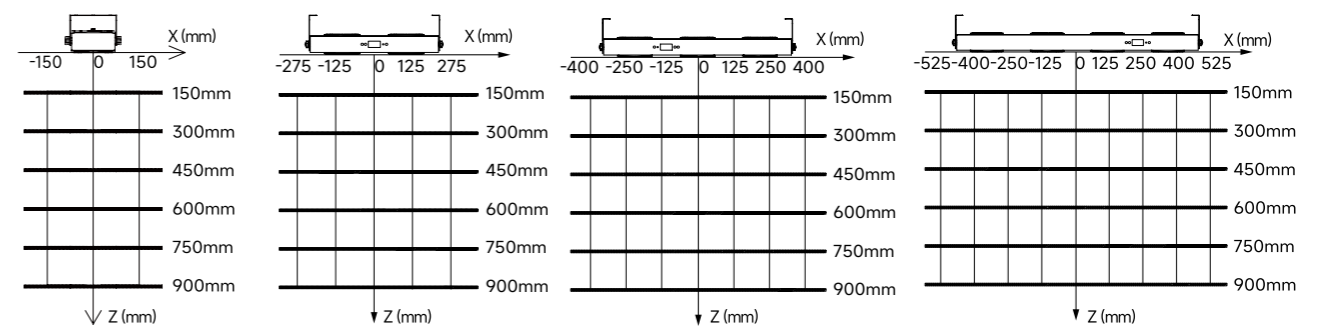
Product Feature

<p>01</p> <p>Magnetic mesh cover Power off when mesh cover is taken off. Easy for disassemble and maintenance</p>	<p>02</p> <p>Multiple air outlets 8 needles in each air outlet to have large amount of ion generations</p>
<p>03</p> <p>Indicator light Red light alarm: Blower breakdown and high voltage abnormal Blue light flashing: Debugging or cleaning Bright green: normal working</p>	<p>04</p> <p>Built-in brush Automatic needle brushing when power on with setting as 8 hours once for manual needle brushing cleaning and maintenance free</p>
<p>05</p> <p>5-speed wind volume adjustment Output air volume 1.45 times more than that of the traditional blower</p>	<p>06</p> <p>LCD screen Display device address, wind speed gear and cleaning cycle</p>
<p>07</p> <p>On-line communication Monitoring the ionizing blower working status</p>	<p>08</p> <p>Intelligent remote control Cleaning time can be set. Air volume and ion balance can be adjusted</p>
<p>09</p> <p>CE Certified Electromagnetic protection function</p>	

Product Parameters

Model	AP-DJ2811	AP-DJ2812	AP-DJ2813	AP-DJ2814
Input voltage	DC 24V (RJ45 interface)	DC 24V (RJ45 interface) / 3-in-1 Socket (220VAC 50/60Hz)		
Output voltage	DC±4KV → ±6KV			
Power	< 12W	< 21W	< 33W	< 42.5W
Ion emission	Steady-state DC			
Emission electrode	Tungsten			
Discharge range	750*300mm (L*W)	750*550mm (L*W)	750*800mm (L*W)	750*1050mm (L*W)
Air volume	≤ 135CFM*1	≤ 135CFM*2	≤ 135CFM*3	≤ 135CFM*4
Audio noise	Single air outlet ≤ 58dBA (1000mm away from air outlet)			
Ozone thickness	≤ 0.05ppm (150mm away from air outlet)			
Ion balance	≤ ±10V	≤ ±15V		
Discharge time	≤ 1.5s (300mm right front air outlet)	≤ 2.5s (450mm right below air outlet)		
Status indicator	Power on/clean operation—blue light flashes		High voltage fault alarm—red light flashes	
	Fan fault alarm—red light always on		Infrared debugging/cleaning prompt—blue light flashing	
	Normal working—green light on (always under monitoring status)			
Communication method	RS485			
Signal output	RS485 (115200bps, 8, 1, n, n) ≥ 20ms			
	Open collector: < 50V, 100mA			
Dimension (L*W*H)	147*70.5*190mm	500*70*154mm	750*70*154mm	1000*70*154mm
Outer shell material	Aluminum powder spray coating			
Installation accessories	1 pair of U-shape iron powder spray mounting bracket 1 pair of ABS screw handles (M6×12)		1 pair of L - shape iron powder spray mounting bracket, 1 pair of ABS screw handles (M6×12)	
	INPUT: AC100—240V 50/60Hz (This is preferred for simultaneous power supply) OUTPUT: DC24V 2A (Dual RJ45 interface)			
Net weight	1.35KG	2.60KG	3.65KG	4.85KG
Working temperature	0°C - 50°C		Working humidity	
Warranty	1 Year		Certificate	
Note	For wireless communication, you can choose the AP-DJ283X series			
	AP-DJ281X and 283X series products use magnetic metal mesh cover (optional fixed metal mesh cover)			If you need to fix the metal mesh cover, choose the AP-DJ1811 ionizing fan

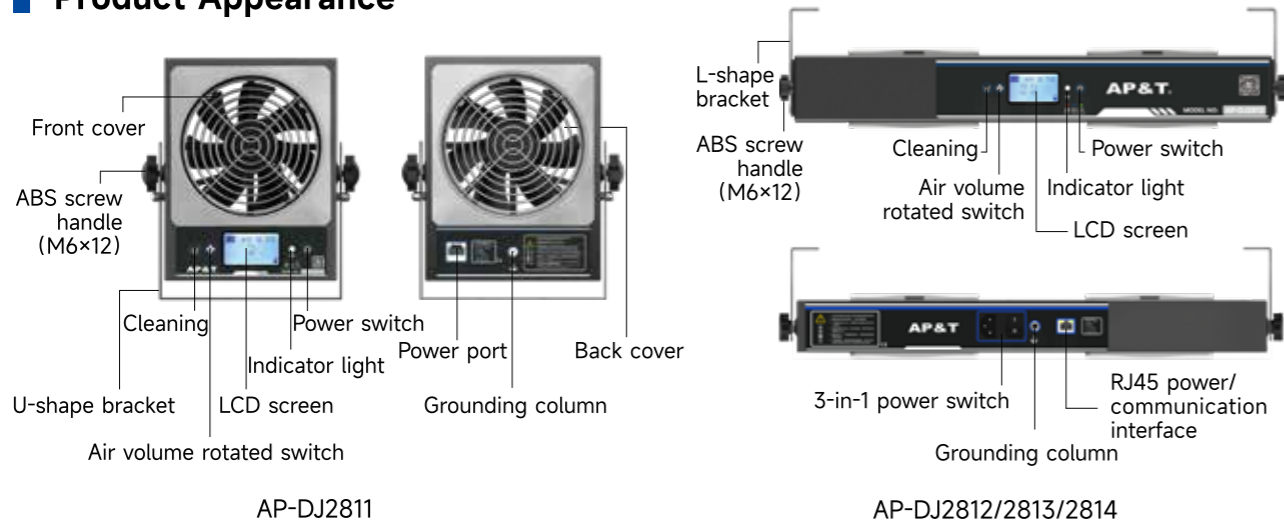
Discharge Effect Drawing



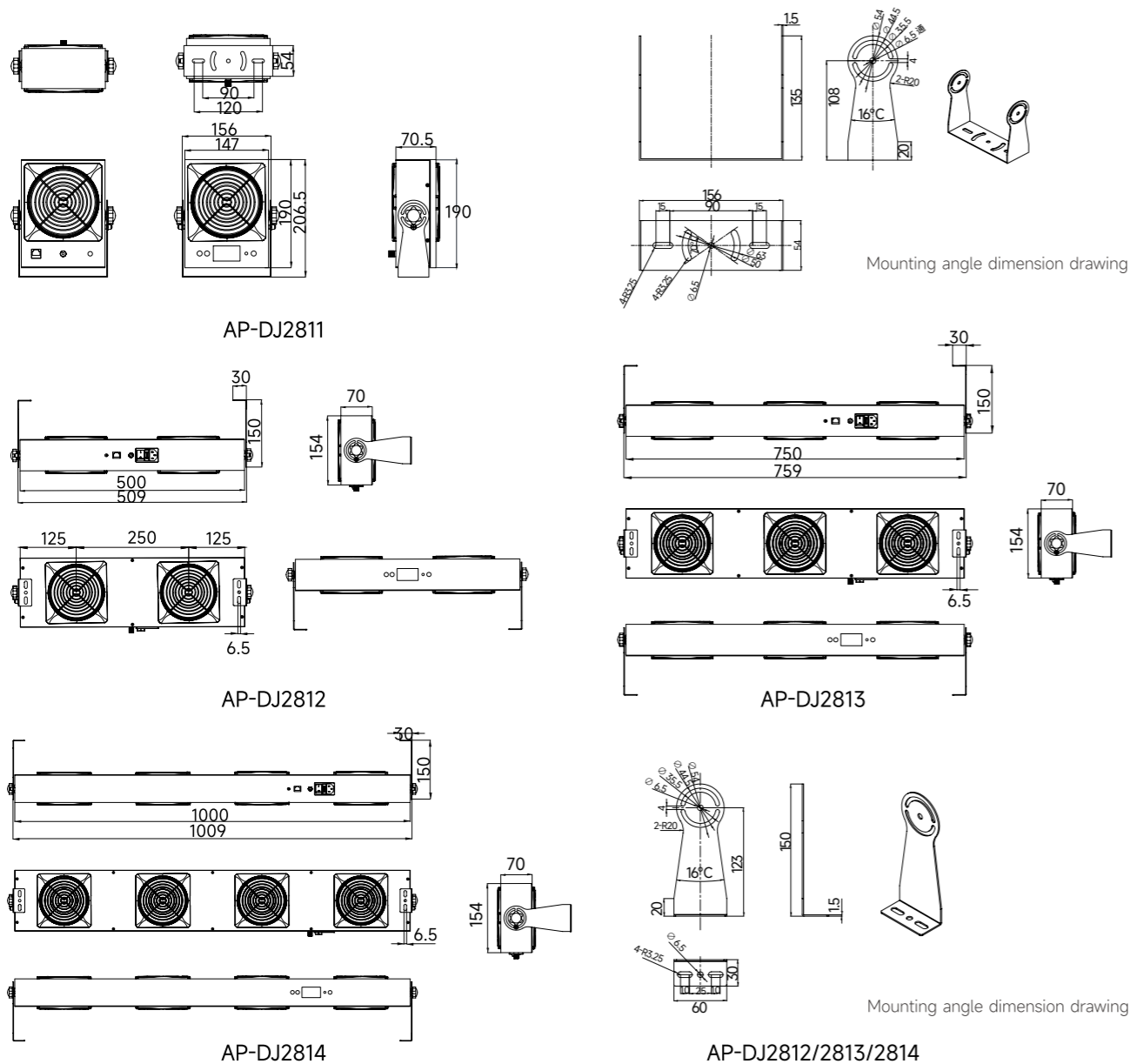
Trek 150*150mm Flat Panel Tester

Note: The zero position of test length is the central position of the ionizing blower
Test Standard: ANSI/ESD.STM3.1, SJ/T 11446—2013
Test Instrument: Trek flat plate charge tester
Test Voltage: ±1000V → ±100V Attenuation
Tester Environment: Humidity: 50±5% Temperature: 23±3°C

Product Appearance



Product Dimension



AP-DJ1811

INTELLIGENT CONTROL IONIZING AIR BLOWER

Product Profile

AP-DJ1811 ionizing blower adopts pulse DC static elimination technology with 8 electrode needle design. High air volume, 5-speed adjustment, stable performance, Air output volume 1.45 times more than that of the traditional ionizer, LCD display screen available. Negative high voltage amplitude can be adjusted by the remote control for the adjustment of ion balance voltage.



Industry Application

Widely used in electronics, optoelectronics, semiconductor and other industries.



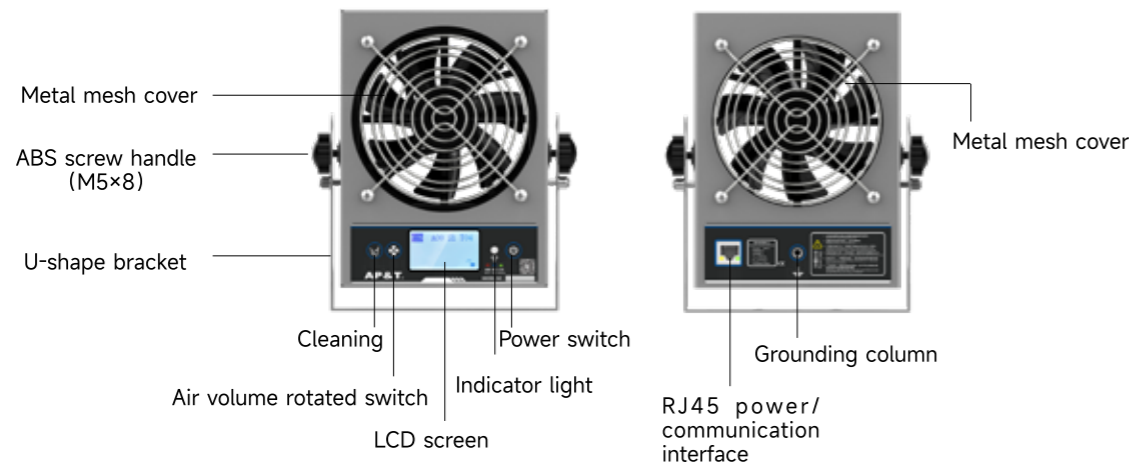
Product Feature

<p>01</p> <p>LCD screen Can display the equipment address, wind speed gear, cleaning cycle, temperature and humidity, fan breakdown alarm, high-voltage alarm</p>	<p>02</p> <p>Built-in brush Automatic needle brushing when powering on. Default automatic needle brushing is set as 8 hours once. Manual needle brushing clean and maintenance free</p>
<p>03</p> <p>Indicator light LCD display screen shows alarm and LED red alarm light on when fan or high voltage breakdown</p>	<p>04</p> <p>Single air outlet 8 electrode needles in each air outlet, Standard configured tungsten needle with long service life</p>
<p>05</p> <p>5-speed wind volume adjustment Air volume output is 1.45 times more than that of the traditional ionizing blower</p>	<p>06</p> <p>Intelligent remote control Ion output parameters can be adjusted by the remote control</p>
<p>07</p> <p>On-line communication Monitoring the ionizing blower working status</p>	<p>08</p> <p>CE Certified Electromagnetic protection function</p>

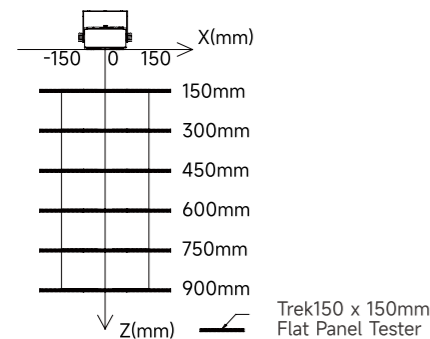
Product Parameters

Model	AP-DJ1811		
Input voltage	DC 24V (RJ45 interface)	Ion balance	≤ ±10V
Output voltage	DC±4KV → ±6KV	Communication mode	RS485
Power	12W	Discharge speed	≤ 1.5s (300mm away from the air outlet)
Ion emission	Pulse DC	Signal output	RS485 (115200bps,8,1,n,n) ≥ 20ms
Emitter electrode	Tungsten	Collector open circuit:	< 50V,100mA
Discharge range	750*300mm (L*W)	Shell material	Aluminum powder spraying
Air volume	≤ 135CFM*1	Net weight	1.35KG (Including power cord and bracket)
Status indicator	Power on/clean operation—blue light flashes	Fan fault alarm—red light always on	
	High voltage fault alarm—red light flashes	Infrared debugging/cleaning prompt—blue light flashing	
	Normal work—green light (always under monitoring status)		
Dimensions	147*70.5*190mm (L*W*H) (Ionizing Air Blower body size)		
Installation accessories	1 pair of U-shape iron powder spray mounting bracket , 1 pair of ABS screw handles (M6×12)		
Power adapter	INPUT: AC100—240V 50/60Hz / OUTPUT: DC24V 2A (Dual RJ45 interface)		
Working temperature	0°C -50°C	Working humidity	< 70%RH
Warranty	1 Year	Certification	CE

Product Appearance

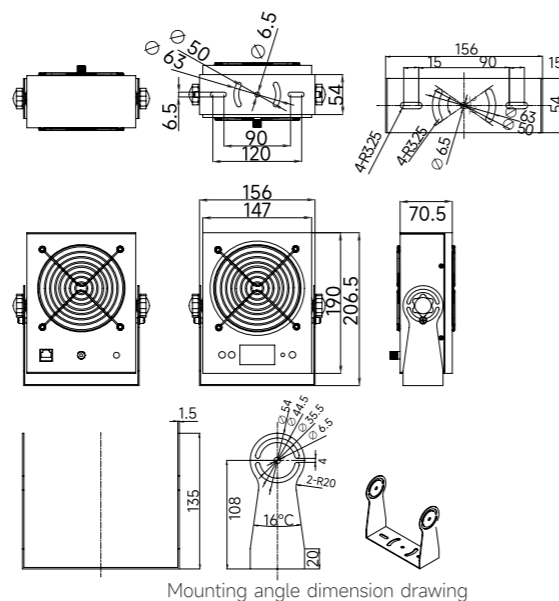


Discharge Effect Drawing



Note: 0 position of test length is the central position of the ionizing blower
Test Standard: ANSI/ESD.STM3.1, SJ/T 11446—2013
Test Instrument: Trek Charge plate tester
Test Voltage: ±1000V → ±100V Attenuation
Test Environment: Humidity: 50±5%
 Temperature: 23±3°C

Product Dimension



AP-DC3203

HIGH EFFICIENCY IONIZING AIR NOZZLE

Product Profile

AP-DC3203 ion nozzle adopts high-frequency AC working method producing and transmitting positive and negative ions from the nozzle by compressed air with excellent ion balance ability to realize the point-surface static elimination. High-voltage generating components adopt electromagnetic protection measurements which cause non-electromagnetic interference to the outside world.

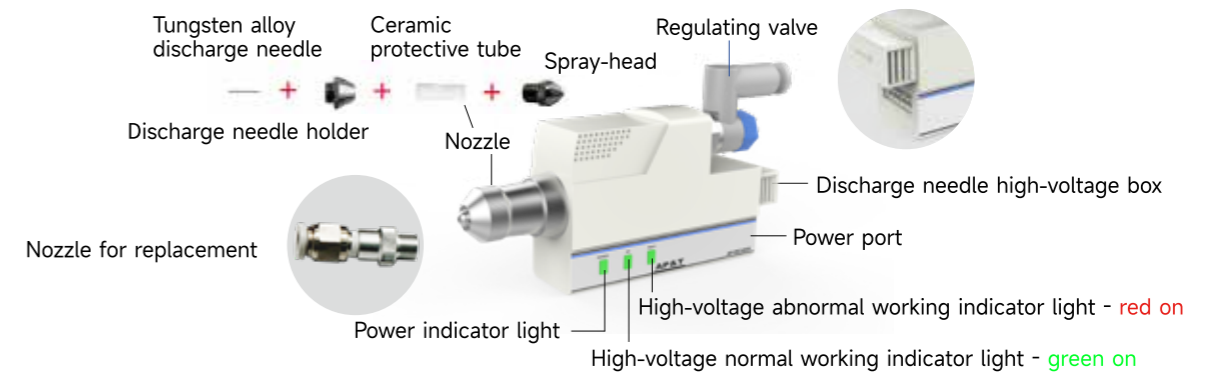
Industry Application

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

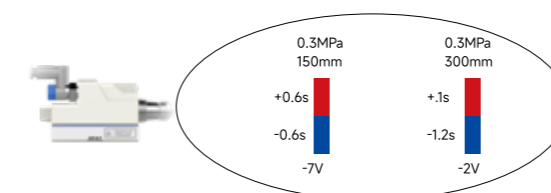
Product Parameters

Model	AP-DC3203		
Input voltage	DC24V	Discharge speed	< 1.0s (150mm right ahead of the nozzle)
Working voltage	High frequency AC2200V	Ion balance	≤ ±15 (150mm right ahead of the nozzle)
Current consumption	500mA	Noise	<100db (150mm right ahead of the nozzle, airflow pressure 0.1Mpa)
Power consumption	12W	Supporting power supply	IN: AC100V—240V 50Hz/60Hz; OUT: DC24V 0.5A
Working distance	150-300mm	Working medium	Clean compressed air
Working temperature	0-40°C	Working humidity	30—70%RH (Droplet condensation)
Airflow pressure	0.1-0.6MPa	Dimension (L*W*H)	Nozzle: 104.5*56.5*22mm Different types of nozzles; Size a little different
Ion emission	High-frequency AC	Supporting adaptor: 74.2*29.5*62.2mm Power cord length of the power adaptor: 1.5m	
Ozone thickness	< 0.03ppm	Net weight	Nozzle: 90g Supporting adaptor: 69.3g Power cord length: 73.3g
Air source connector	∅ 6mm	Gross weight	449.2 g

Product Appearance

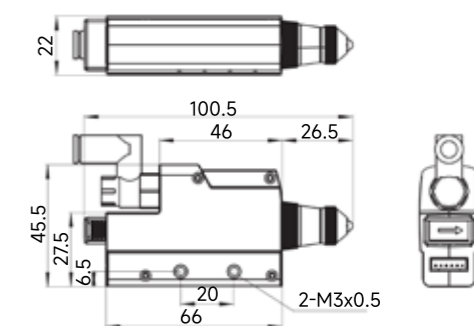


Discharge Effect Drawing



Test Standard: ANSI/ESD.STM3.1, SJ/T 11446—2013
Test Instrument: TREK156A static tester
Test Voltage: ±1000V → ±100V Attenuation
Test Environment: Relative humidity: 50±5%
 Temperature: 23±3°C

Product Dimension

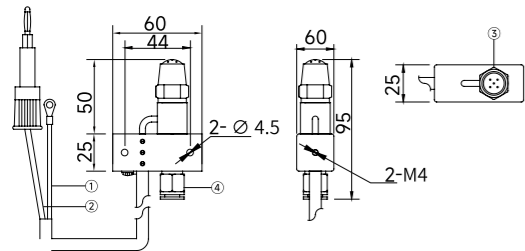


AP-AC2454-A IONIZING AIR NOZZLE

Product Profile

AP-AC2454-A ionizing air nozzle provides strong ionic air outputs not only for static elimination but also dust removal. It works under high voltage and low current status, safe and reliable.

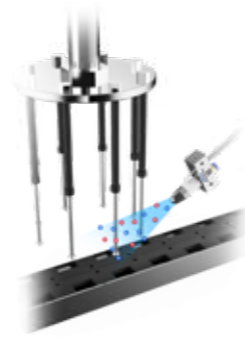
Product Dimension



- ① Compressed air input (Connector)
- ② High-voltage wire (Plug)
- ③ Ion output
- ④ Earth lead (terminal)

Product Parameters

Model	AP-AC2454-A		
Input voltage	AC220V/50Hz or AC110V/60Hz		
Working voltage	AC2800V		
Discharge distance	150—300mm		
Power supply power	20W		
Discharge speed	≤2.0s(150mm right ahead of the nozzle, airflow pressure 0.3Mpa)		
Ion balance	≤ ±30V (150mm right ahead of the nozzle)		
Wire length	2.5M (Customizable)		
Using Medium	Clean compressed air		
Ozone thickness	< 0.05ppm		
Air source connector	Φ8mm		
Airflow pressure	0.2—0.6MPa		
Noise	<65db (150mm right ahead of the nozzle, airflow pressure 0.1Mpa)		
Dimension	95*25*60mm (L*W*H)		
Working temperature	0 - 50°C	Working humidity	30—70%RH
Net weight	400g	Gross weight	480g
Supporting power supply	Tows one power supply AP-AC2455-28A Tows two power supply AP-AC2455-28B		
Industry application	Widely used in electronics, injection molding, printing, film and other industries		

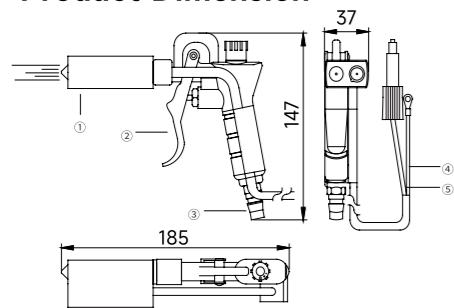


AP-AZ1211 IONIZING AIR GUN

Product Profile

The AP-AZ1211 ionizing air gun is one of the series products produced by Anping (AP&T) for eliminating static electricity on object surfaces. It is a fast and efficient static elimination and dust removal device designed to provide static protection for target object surfaces.

Product Dimension



- ① Ion outlet Port
- ② Air source switch
- ③ Compressed air input(Connector)
- ④ Ground wire (End)
- ⑤ High voltage wire(Plug)

Product Parameters

Model	AP-AZ1211		
Working voltage	AC4600V		
Power	< 10W		
Discharge speed	≤ 1.5s (150mm directly in front of the air gun)		
Ion balance	≤ ±30V (150mm directly in front of the air gun)		
Air pressure	0.2 ~ 0.6MPa		
Air connector	Φ8mm (Customizable upon request)		
Dimension	185*37*147 (L*W*H)		
Net weight	450g (Including 3m high voltage wire)		
Gross weight	510g		
Working temperature	0—50°C		
High voltage wire length	3M		
Supporting power Supply	AP-AY2201		

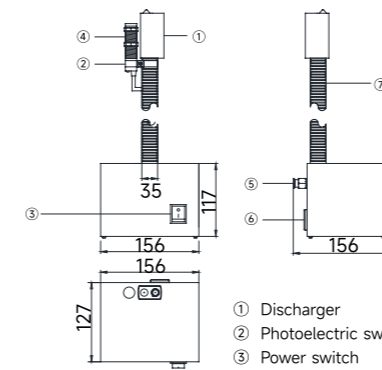


AP-AZ3201 IONIZING AIR SNAKE

Product Profile

AP-AZ3201 ionizing snake adopts power frequency AC static elimination technology Induction control part and power supply integrated design with auxiliary far-infrared auto-sensing switch to set manual operation free. Mounting suction cups at the bottom, easy to use for static elimination and dust removal.

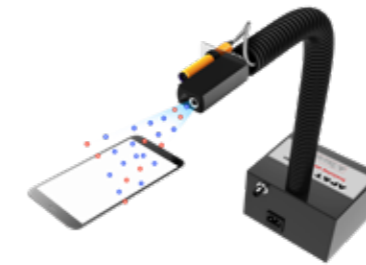
Product Dimension



- ① Discharger
- ② Photoelectric switch clamping ring
- ③ Power switch
- ④ Photoelectric switch
- ⑤ Compressed air input connector
- ⑥ Power socket
- ⑦ Tube(bendable at will)

Product Parameters

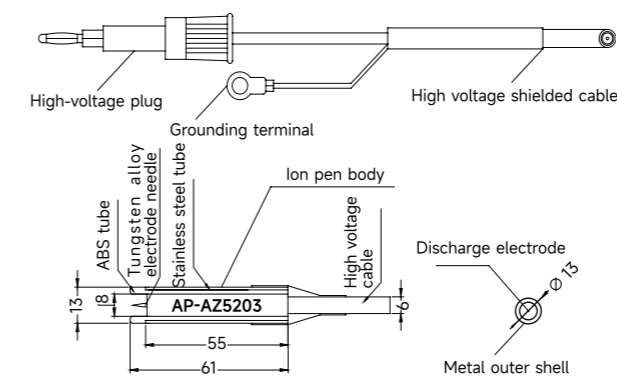
Model	AP-AZ3201			
Input voltage	AC220V/50Hz or AC110V/60Hz			
Working voltage	AC3500V			
Discharge distance	150—300mm			
Power	26W			
Ion balance	≤ ±50V (150mm right ahead of the ionizing snake)			
Discharge speed	≤ 1.5s (150mm right ahead of the ionizing air snake)			
Noise	<65db (150mm right ahead of the ionizing snake)			
Using medium	Clean compressed air			
Airflow pressure	0.2—0.6MPa			
Air source connector	Φ 8mm (Customizable)			
Dimension	156*127*117mm (L*W*H) (Enclosure size)			
Working temperature	0° C - 50° C	Working humidity	30 - 70%RH	
Net weight	3350g (Including power supply cable, photoelectric switch, clamp ring)			
Gross weight	3780g			
Industry application	Widely used in electronics, injection molding, printing, film and other industries			



Product Profile

AP-AZ5203 ion pen adopts power frequency static elimination technology. Pen shape design and large amount of ion generation for point type static elimination. The ion pen has good safety performance in emission electrode electric shock proof design with long service life and easy for installation and flexible movement.

Product Dimension



Product Parameters

Model	AP-AZ5203			
Working voltage	AC5600V			
Power	20W			
Discharge distance	30 - 70mm			
Ion balance	≤ ±50V			
Discharge speed	≤ 2.0s			
High-voltage cable length	2.5M (Customization available)			
Working temperature	0° C - 50° C	Working humidity	≤ 70%RH	
Supporting power supply	Tows one power supply AP-AY1505 Tows two power supply AP-AY2505			
Industry application	Widely used in label, printing, plastic and other industries			

