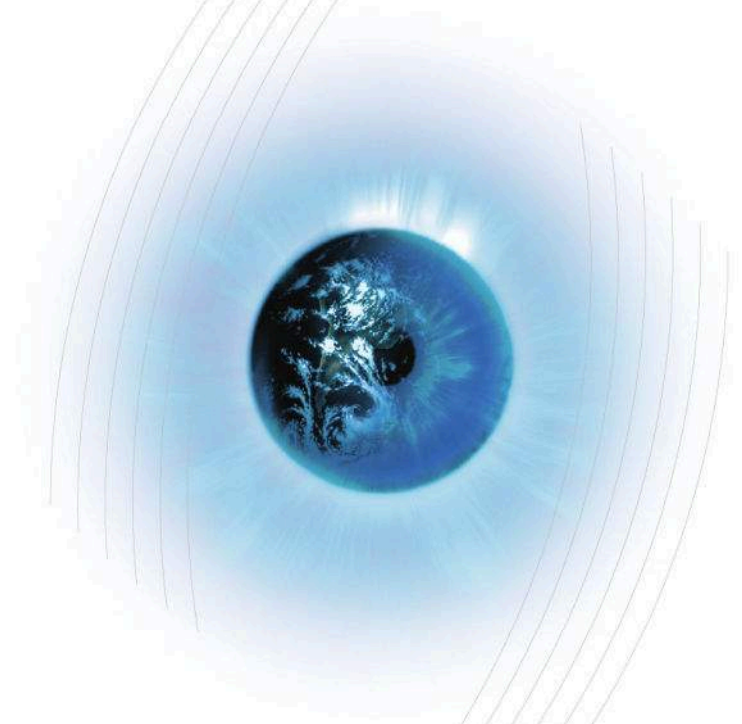


Specialty Creates Value



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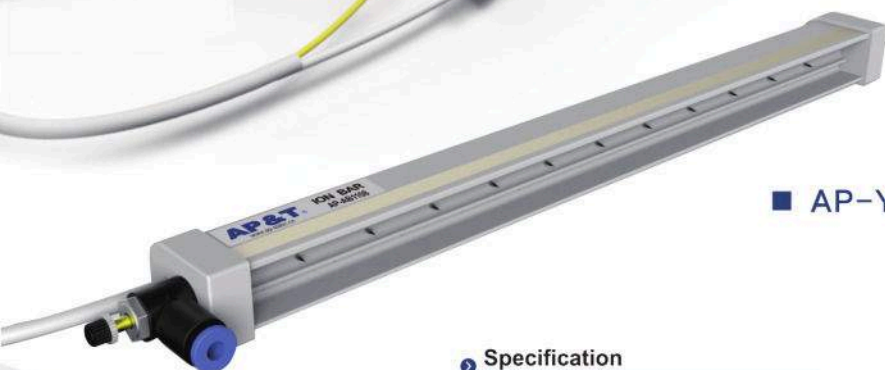


**AP&T®**

## AC ELECTROSHOCK-PROOF ION BAR



■ AP-YP1103



■ AP-YP1108



### Specification

Model	AP-AB1103	AP-AB1108
Working Voltage	AC7000V	AC7000V
Power	20W	20W
Working distance	30-150mm	50-500mm
Ion balance	$\leq  \pm 100V $	$\leq  \pm 100V $
Discharge speed(AVE)	$\leq 1.5S$ (working distance 100mm)	$\leq 2S$ (working distance 100mm)
Working temperature	0℃-50℃	0℃-50℃
Working humidity	<70%	<70%
Cord length	2.5M (customized available)	2.5M (customized available)
Power supply	AP-AY1502/2502(7000V)	AP-AY1502/2502(7000V)

### FEATURES

- ◆ Bar shaped and cross over static eliminator
- ◆ Compact structure and elegant appearance
- ◆ Working under high voltage and micro current ( $\mu A$  level)
- ◆ Electroshock-proof function
- ◆ Stripe shaped notch on the back of the bar for user to fasten the bar

## INTEGRATED ION BAR



■ AP-AC5602

### SUPPORTING POWER SUPPLY

■ AP-AY1503



### INDUSTRY APPLICATIONS

- ▶ Electronics
- ▶ Optoelectronics
- ▶ Semiconductors
- ▶ Plastics
- ▶ Films
- ▶ Printing Industries

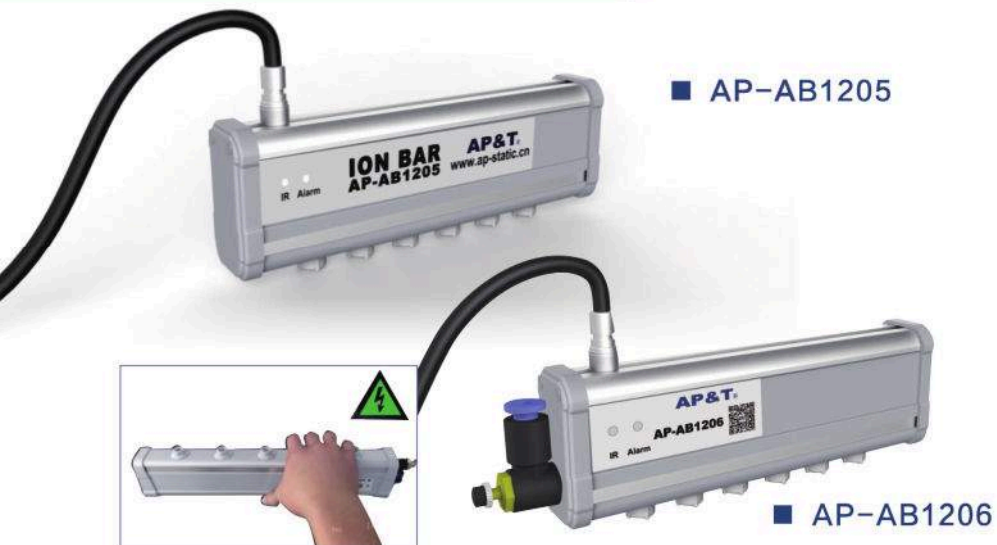
### Specification

Model	AP-AC5602
Input Voltage	AC220V/50Hz or 110V/60Hz
Working voltage	AC3500V
Power	20W
Working distance	30-100mm
Ion balance	-100V~+100
Discharge speed	$\leq 0.5S$ (working distance 30mm)
Working temperature	0℃-50℃
Power supply	AP-AY1503/2503(3500V)
Power cord length	2.5M (customized available, 5m as longest)
Bar length	customized available, 3m as longest
Cross-sectional area	18*20mm

### FEATURES

- ◆ Bar shaped and cross over static eliminator
- ◆ Excellent electrical property data by applying the newest static eliminating technology
- ◆ No short circuit of discharge electrode, long lifetime
- ◆ Stripe shaped notch on the back of the bar, the M4 installation screw is removable
- ◆ Working under high voltage and micro current with good safety performance
- ◆ Fast speed of static eliminating

## AC ELECTROSHOCK-PROOF ION BAR



Electroshock-proof feature prevents human injuries

### Specification

Model	AP-AB1205/1206
Output voltage	AC±5KV
Output frequency	30Hz(default)
Duty ratio	10%~90%
Power	10W
Working distance	30-100mm/100-1000mm
Ion balance	≤ ±30V (AVE)
Discharge time	≤2S
Working temperature	0℃~50℃
Working humidity	<70%

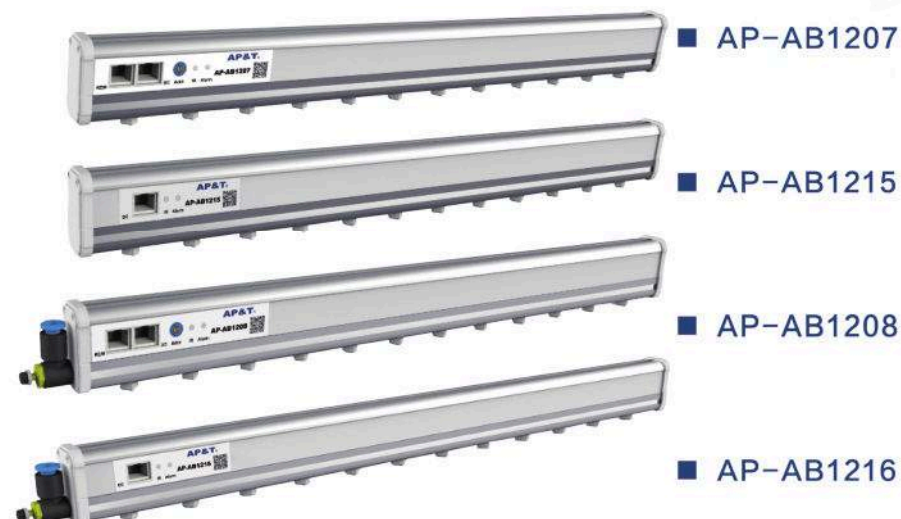
### FEATURES

- ◆ Bar shaped and cross over static eliminator
- ◆ Compact structure and elegant appearance
- ◆ Fast discharge speed, low ion balance and high safety performance
- ◆ Abnormal high voltage alarm function
- ◆ Electroshock-proof function

### INDUSTRY APPLICATIONS

- ▶ Electronics
- ▶ Plastic
- ▶ Chemical
- ▶ Printing
- ▶ Optics Industry

## AC PULSE ION BAR



### INDUSTRY APPLICATIONS

- ▶ Electronics
- ▶ Plastic
- ▶ Chemical
- ▶ Printing
- ▶ Optics Industry

### Specification

Model	AP-AB1207/1215	AP-AB1208/1216
Output voltage	AC±5kv	AC±5kv
Output frequency	5,30Hz(default)	5,30Hz(default)
Duty ratio	10%~90%	10%~90%
Power	10W	10W
Working distance	30-1000mm	100-1000mm
Ion balance	≤ ±30V (AVE)	≤ ±30V (AVE)
Discharge time	≤1S	≤2S
Working temperature	0℃~50℃	0℃~50℃
Working humidity	<70%	<70%

### FEATURES

- ◆ Bar shaped and cross over static eliminator
- ◆ Adjustable positive and negative ion output rate
- ◆ Manufactured by using the latest patented technology of static removing
- ◆ Fast speed of static removing, low ion balance and high safety
- ◆ Adjustable positive and negative ion frequency
- ◆ With alarm function of high voltage fault
- ◆ Remote control ion output
- ◆ Shock-proof function prevent user from being electric shocked
- ◆ Support integrate control ,easy to operate.



## EXPLOSION-PROOF AC VOLTAGE STATIC ELIMINATOR

### ■ AP-AB1601A/1602A



Can be used in printing, plastic, textile and other industries with flammable conditions.

#### Specification

Model	AP-AB1601A	AP-AB1602A
Explosion-proof mark	Ex s IIB T4 Gb	Ex s IIB T4 Gb
Explosion-proof certificate No.	GYB16 1549X	GYB16 1549X
Working voltage	Power frequency AC4000V	Power frequency AC4000V
Power	20W	20W
Electrode HV	≤4000V	≤4000V
Electrode binding capacity	<3.5pF	<3.5pF
Discharge distance	30 - 150mm	100 - 600mm
Ion balance	≤ ±100V	≤ ±100V
Discharge speed	≤2.5S ( Working distance 100mm )	≤2.5S ( Working distance 300mm )
Working temperature	0°C - 50°C	0°C - 50°C
Working humidity	<70%	<70%
Bar body length	110-3000mm	110-3000mm
HV cable length	2.5m ( customize available, maximum 8m )	2.5m (customize available, maximum 8m )
Power supply	AP-AY1603/2603	AP-AY1603/2603

#### FEATURES

- ◆ Bar shaped and cross over static eliminator
- ◆ Compact structure and elegant appearance
- ◆ Working under high voltage and micro current (  $\mu$  A level)
- ◆ Electric shock-proof function
- ◆ With a certain anti explosion function, can be used in flammable and explosive environments
- ◆ Stripe shaped notch on the back of the bar for user to fasten the bar

## DC ELECTROSHOCK-PROOF ION BAR

### ■ AP-DB1217



#### INDUSTRY APPLICATIONS

- ▶ Plastic
- ▶ Film
- ▶ Printing industries

#### Specification

Model	AP-AB1103
Working voltage	AC7000V
Power	20W
Working distance	30-150mm
Ion balance	≤ ±100V
Discharge time	≤2S (working distance 100mm)
Working temperature	0°C-50°C
Working humidity	<70%
Cord length	2.5M (customized available)
Power supply	AP-DC7201

#### FEATURES

- ◆ Bar shaped and cross over static eliminator
- ◆ Excellent electrical property data by applying the newest static eliminating technology
- ◆ Suitable for high speed operating and tough rubbing material surface static discharge.
- ◆ Shock-proof function prevent user from being electric shocked
- ◆ Stripe shaped notch on the back of the bar for user to fasten the bar

## SUPPORTING DC POWER SUPPLY



### ■ AP-DC7201

## DESKTOP IONIZING AIR BLOWER



■ AP-DJ1802

### INDUSTRY APPLICATIONS

- ▶ Electronics
- ▶ Plastic
- ▶ Chemical
- ▶ Printing
- ▶ Optics Industry

### FEATURES

- ◆ 8 emitters makes high ion volume and fast decay time
- ◆ Auto-cleaning when switch on
- ◆ default auto-cleaning time every 8 hours.
- ◆ Artificial emitter cleaning maintenance free.
- ◆ Four gears of stable fan speed
- ◆ LED display shows ID address, fan speed and cleaning time
- ◆ Duty ratio of positive and negative ion output adjustable to adjust ion balance.
- ◆ Audible and visual alarm when fan breakdown and ionization abnormal
- ◆ Ion output characteristics adjustable by remote control.

### Specification

Model No.	AP-DJ1802
Input voltage	DC 24V
Input current	<0.6A
Output voltage	DC±4KV--±5KV
Power	<14.5W
Ion emit	DC
Emitter	Tungsten
Coverage	750*300mm (L*W)
Air volume	<179CFM
Noise	<75dBA (150mm from air outlet)
Ozone thickness	<0.05ppm (150mm from air outlet)
Ion balance	≤ ±10V
Decay time	≤1.5S (300mm from air outlet)
Alarm indication	Boot instant-Blue light ; Normal working-Green light (Under monitoring); Fan alarm-Red light flash with beeping; Ionization abnormal-Red light slow flash with beeping; Blue light blinks when infrared debugging
Working temperature	0°C-50°C
Working humidity	<70%RH
Dimension	141*70*205.5mm (L*W*H)



■ AP-AC2451

### Specification

Model	AP-DC2451
Input Voltage	AC 220V/50Hz or 110V/60 Hz(with external power adapter)
Power	12W
Ion balance	-10V~+10V (300mm testing center from the air outlet)
Discharge speed	≤2S (300mm testing center from the air outlet)
Noise	≤45db (150mm from the air outlet)
Effective working range	1200*600mm(L*W)
Air volume	0-95CFM
Ozone thickness	≤0.02ppm(150mm from the air outlet)
Working temperature	0°C-50°C
Dimension	180*72*201.5mm (L*W*H)
Net weight	1500g (include HV cord 3 meters)
Gross weight	1980g



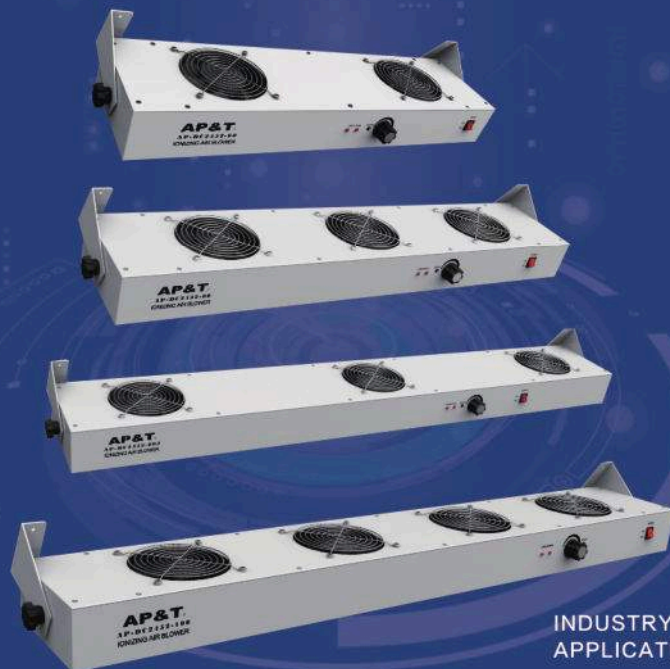
■ AP-DC2453

### Specification

Model	AP-DC2453
Input Voltage	AC 220V/50Hz or AC110V/60 Hz
Working Voltage	±DC4000-DC7000V
Power	10W
Effective working range	450*300mm(L*W)
Discharge speed	≤2.5s(450mm testing center vertical from the air outlet )
Ion balance	-10V~+10V(150mm testing center vertical from the air outlet )
Air volume	45CFM9(adjustable)
Noise	≤35db(150mm from the air outlet )
Ozone thickness	≤0.01ppm(150mm from the air outlet )
Working temperature	0°C-50°C
Dimension	113*54*129mm (L*W*H)
Net weight	420g (including accessories and external power supply)
Gross weight	480g



## OVERHEAD IONIZING AIR BLOWER



- Two-fans AP-DC2452-60
- Three-fans AP-DC2452-80
- Elongated Three-fans AP-DC2452-80J
- Four-fans AP-DC2452-100

### INDUSTRY APPLICATIONS

- ▶ Electronics
- ▶ Optoelectronics
- ▶ Semiconductors
- ▶ Plastics
- ▶ Films
- ▶ Printing Industries

### FEATURES

- ◆ Fit for static elimination in large area
- ◆ The combination of multi-units independent ion transmitting
- ◆ Stepless adjustment of the air volume and longer lifelong of the fan
- ◆ Fast speed of the elimination and stable performance of the circuit
- ◆ Detachable cover net both front and back, convenient to clean and maintain

## CROSS FLOW IONIZING AIR BLOWER

### ■ AP-AC2459



### INDUSTRY APPLICATIONS

- ▶ Electronics
- ▶ Plastic
- ▶ Chemical
- ▶ Printing
- ▶ Optics Industry

### 2 Specification

Model	AP-AC2459
Input Voltage	AC 220V/50Hz or AC110V/60 Hz
Power	50W/250W(heat)
Effective working range	600*1200mm(W*L)
Discharge speed	≤2s/300mm testing center vertical from the air outlet)
Ion balance	≤[±10V](300mm testing center vertical from the air outlet)
Air volume	70~120CFM
Noise	≤50-55db(150mm from the air outlet)
Ozone thickness	≤0.03ppm(150mm from the air outlet)
Working temperature	0℃-50℃
Dimension	454*216*185mm (L*W*H)
Net weight	7.4kg
Gross weight	8.2kg (including packaging accessories)

### FEATURES

- ◆ Faster static eliminating speed alternating polarity AC high voltage high field and connect to special emission electrode to ionize air and gd lower ion balance
- ◆ Wide range of ion airflow with large covering area
- ◆ Stepless adjustment of fan speed with stable performance, convenient to clean and maintain
- ◆ Installing angle adjustable, arbitrary switching between cold and warm wind

## ■ AP-AC2454-A



## IONIZING AIR NOZZLE

## INDUSTRY APPLICATIONS

- ▶ Electronics
- ▶ Injection molding
- ▶ Printing
- ▶ Film
- ▶ Pharmaceutical
- ▶ Machinery industries

## 2 Specification

Model	AP-AC2454-A
Input Voltage	AC 220V/50Hz or 110V/60 Hz (with external power adapter)
Working Voltage	AC3500V
Power	25W
Working distance	150-300mm
Discharge speed	≤1.5s(150mm testing center from the air nozzle)
Ion balance	-15V~+15V(150mm testing center from the air nozzle)
Power cord length	2.5M(customized available,5m as longest)
Working temperature	0℃-50℃
Air connector	8mm (customize available)
Air pressure range	0.2~0.6MPa
Dimension	60*25*95mm (L*W*H)
Net weight	400g (including power cord)
Gross weight	480g
Power supply	AP-AC2455-28

## FEATURES

- ◆ Small size and easy installation
- ◆ Excellent electrical property data and good performance
- ◆ Static eliminating while cleaning the surface dust
- ◆ Safe and reliable working under high voltage and micro current
- ◆ With AP-AC2455 series high voltage power supply

## ■ AP-DC3203

HIGH FREQUENCY  
DC IONIZING AIR NOZZLE

## 2 Specification

Model	AP-DC3203
Input Voltage	DC24V
Working Voltage	high frequency 68KHz, about AC3.2KV
Power	12W
Working distance	150-300mm
Discharge speed	≤1.0S (150mm testing center from the air nozzle)
Ion balance	-15v ~+15v(150mm testing center form the air nozzle )
Working temperature	0~50℃
Air pressure range	0.2~0.6Mpa
Power Supply	IN.AC95V/240V-60HZ/50HZ OUT.DC240V0.75A
Air Connector	6MM(customized available)
Net weight	AIR GUN :160G POWER SUPPLY:110G
Gross weight	362.5g

## FEATURES

- ◆ Small and elegant appearance
- ◆ All stainless steel case
- ◆ Alarm with red and green indication lights for abnormal running
- ◆ Large volume of ion generating and better performance of static eliminating

## ■ AP-AC2456



### INDUSTRY APPLICATIONS

- ▶ Electronics
- ▶ Injection molding
- ▶ Printing
- ▶ Film
- ▶ Pharmaceutical
- ▶ Machinery industries

## IONING AIR GUN

### 1 Specification

Model	AP-AC2456
Input Voltage	AC 220V/50Hz or 110V/60 Hz
Working Voltage	AC2800V
Power	25W
Working distance	150-300mm
Discharge speed	≤1.5s(150mm testing center from the air nozzle)
Ion balance	-50V~+50V(150mm testing center from the air nozzle)
Power cord length	2.5M(customized available,5m as longest)
Noise	≤65db(150mm from the air outlet)
Working temperature	0℃~50℃
Air connector	φ8mm (customize available)
Air pressure range	0.2~0.6MPa
Dimension	148*34*145mm (L*W*H)
Net weight	500g (including power cord)
Gross weight	560g
Power supply	AP-AC-2455-28

### FEATURES

- ◆ Small size and portable operation
- ◆ Excellent electrical property data and good performance
- ◆ Static eliminating while cleaning the surface dust
- ◆ Safe and reliable working under high voltage and micro current
- ◆ With AP-AC2455 series high voltage power supply

## ■ AP-AZ3201



### INDUSTRY APPLICATIONS

- ▶ Electronics
- ▶ Optoelectronics
- ▶ Semiconductors
- ▶ Plastics
- ▶ Printing Industries

## IONIZING AIR SNAKE

### 1 Specification

Model	AP-AZ3201
Input Voltage	AC 220V/50Hz or AC110V/60 Hz
Power	26W
Working distance	150-300mm
Ion balance	≤±50V(150mm testing center from the air snake)
Discharge speed	≤1.5s(150mm testing center from the air snake)
Noise	<65db(150mm from the air outlet)
Medium used	clean pressed air
Air pressure rang	0.2~0.6MPa
Working temperature	0℃~50℃
Air connector	φ8mm (customize available)
Dimension	180*135*118mm (L*W*H)
Net weight	3350g (including power cord,optoelectronic switch and clamp ring)
Gross weight	3780g

### FEATURES

- ◆ Small size, convenient installation, flexible operation and reliable performance
- ◆ Static eliminating while cleaning the surface dust
- ◆ Controlled by far automatic and inductive IR circuit without hand operation
- ◆ Integration of the inductive control section and power supply

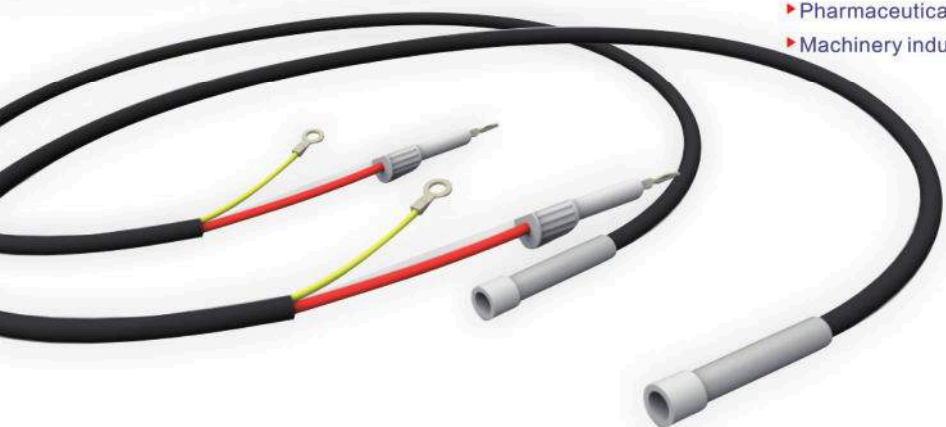


## ION PEN

## ■ AP-AZ5203

## INDUSTRY APPLICATIONS

- ▶ Electronics
- ▶ Injection molding
- ▶ Printing
- ▶ Film
- ▶ Pharmaceutical
- ▶ Machinery industries



## ② Specification

Model	AP-AZ5203
Working Voltage	AC4000V
Power	20W
Working distance	150-300mm
Discharge speed	0.5s/100mm from testing center
Ion balance	-280V~+50V(100mm from testing center)
Wire length	2.5m(customized available, 5m as longest)
Working temperature	0℃~50℃
Power Supply	AP-AC2455-28
Cross sectional area	10*60mm

## FEATURES

- ◆ Pen shaped and vertical static eliminator
- ◆ Excellent electrical property data by applying the newest static eliminating technology
- ◆ Fast air ionization, great quantity of ion halos and long lifetime
- ◆ Convenient to install, flexible fixing
- ◆ Working under high voltage and micro current with good safety performance

## STATIC METER



## ■ AP-YP1101/1203

## ② Specification

Model	AP-YP1101	AP-YP1203
Detection range	0V-5.00KV	0KV-50.0KV
Detection accuracy	±5%	±10%
Detection distance	25mm±1.0mm	25mm±1.0mm
Input voltage	DC3V ( 2*AAA )	DC3V ( 2*AAA )
Automatic shutdown	120s	120s
Working temperature	-20℃~+70℃	-20℃~+70℃
Working humidity	0-85%RH	0-85%RH
Dimension	144*69*38mm ( L*W*H )	144*69*38mm ( L*W*H )
Net weight	120g±10g	120g±10g
Gross weight	253g±20g ( Battery & accessory included )	253g±20g ( Battery & accessory included )

EXPLOSION-PROOF  
STATIC METER

## ■ AP-YF1201

## ② Specification

Model	AP-YF1201
Explosion proof grade	Exib II B T5 Gb
Working current	<100mA
Test range	0.01KV-5.00KV ( grey ) 0.1KV-50.0KV ( black )
Test accuracy	±5% ±10%
Test distance	25mm±1.0mm
Input voltage	DC3V ( 2*AAA )
Automatic shutdown	180s
Working temperature	-18℃~+50℃
Working humidity	0-85%RH
Dimension	141*71*38mm ( L*W*H )
Net weight	146g ( include 2 AAA batteries )
Gross weight	359g±20g ( Battery and accessories include )

## FEATURES

- ◆ Hand feel and drape with attractive appearance
- ◆ Accurate positioning by dual LED. Precise detection distance.
- ◆ Wide range of detecting potential. High detect precision
- ◆ Comfort operation button and easy to use.
- ◆ High definition omnibearing LED data display.



## STATIC SENSOR

### Specification

Model	AP-YV3302
Measuring range	$\pm 10V \rightarrow \pm 4999V \pm 100V \rightarrow \pm 19.99KV$
Measuring accuracy	$\pm 5\%$
Voltage drifts	5V/sec
Data transmission	1s (16 channels) , 62.5ms (single channel)
Corresponding velocity	0.3s
Input voltage	DC24V
Measuring distance	Optional: 25mm, 50mm, 100mm, 200mm, 300mm, 400mm, 500mm, 600mm, 700mm)
Working temperature	$-18^{\circ}C \sim 50^{\circ}C$
Working humidity	0-85%RH

### Field Of Application

It can be widely used in electronics, opto-electrical, LED industries etc.



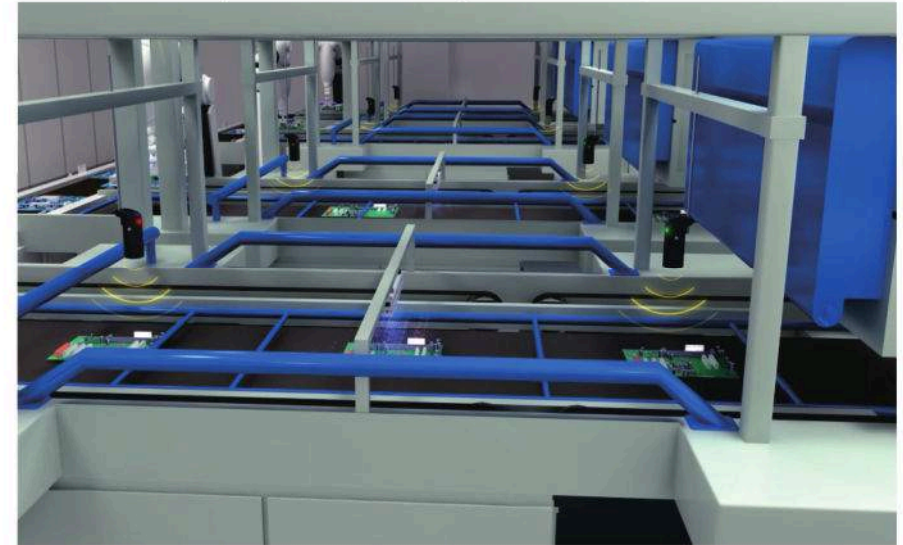
■ AP-YV3302

### FEATURES

- ◆ Comfortable hand feel and elegant appearance
- ◆ Measuring distance set by dial switch
- ◆ Wide measuring range and high measuring accuracy
- ◆ High clarity and comprehensive LCD data display terminal
- ◆ Real time monitored data transfer to PC
- ◆ Comfortable operation and easy to use

## SIMULATION APPLICATIONS

- ◆ static sensor effectively monitors the static electricity on the materials and products under production



- ◆ When the set threshold is exceeded, the alarm is triggered, with the red indicator flashing.

