



QEEPO
Electrostatic Corona Expert

上海颀普静电科技有限公司
Shanghai Qipu Electrostatic Technology Co.,Ltd

Company Profile:

Shanghai qipu electrostatic technology co., LTD is located in songjiang Shanghai haixin industrial park, is a set of static removing equipment research and development, manufacturing, sales and service in one of the high-tech enterprises. The product of the company's main research and development is: electrostatic elimination rod, ion wind rod, high voltage generator, electrostatic eliminating brush. Our products are mainly used in printing industry, plastics industry, textile industry, photoelectronics industry, printing industry and material surface corona treatment. The company insists on the development of quality and the survival of reputation. The product quality has reached the international advanced level of similar products and has been certified by CE. Over the years, the company has provided excellent and satisfactory service to enterprises all over the country, and has won the trust and praise of many enterprises. Company not only has advanced products, but also set up the perfect after-sales service system, difficulties and problems encountered in the production for the enterprise to provide advice to assist, through our continuous efforts and pursuit, will be able to achieve the mutual benefit of the enterprise. We have always believed:

“Innovation is the driving force of enterprise

Quality is the foundation of enterprise development”



合作伙伴



Enterprise qualification



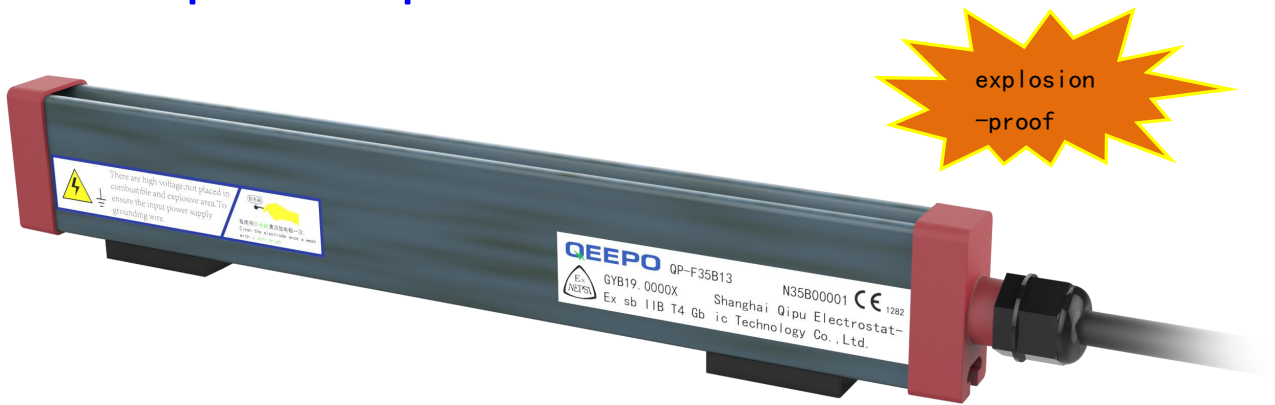
<p>证书号: 20181110861.5</p> <p>实用新型</p> <p>名称: 一种静电除尘电极</p> <p>发明人: 曹晓波等</p> <p>专利号: 20181110861.5</p> <p>申请日期: 2018年06月11日</p> <p>专利权人: 上海颀普静电科技有限公司</p> <p>地址: 上海市上海路100号</p> <p>代理机构: 上海中伦律师事务所</p> <p>局长: 申之南</p>	<p>证书号: 20181110862.0</p> <p>外观设计</p> <p>名称: 静电除尘电极 (1999)</p> <p>设计人: 曹晓波等</p> <p>专利号: 20181110862.0</p> <p>申请日期: 2018年06月11日</p> <p>专利权人: 上海颀普静电科技有限公司</p> <p>地址: 上海市上海路100号</p> <p>代理机构: 上海中伦律师事务所</p> <p>局长: 申之南</p>	<p>证书号: 20181110863.0</p> <p>实用新型</p> <p>名称: 一种静电除尘电极的制造方法</p> <p>发明人: 曹晓波等</p> <p>专利号: 20181110863.0</p> <p>申请日期: 2018年06月11日</p> <p>专利权人: 上海颀普静电科技有限公司</p> <p>地址: 上海市上海路100号</p> <p>代理机构: 上海中伦律师事务所</p> <p>局长: 申之南</p>	<p>证书号: 20181110864.0</p> <p>外观设计</p> <p>名称: 静电除尘电极 (1999)</p> <p>设计人: 曹晓波等</p> <p>专利号: 20181110864.0</p> <p>申请日期: 2018年06月11日</p> <p>专利权人: 上海颀普静电科技有限公司</p> <p>地址: 上海市上海路100号</p> <p>代理机构: 上海中伦律师事务所</p> <p>局长: 申之南</p>	<p>证书号: 20181110865.0</p> <p>实用新型</p> <p>名称: 一种静电除尘电极</p> <p>发明人: 曹晓波等</p> <p>专利号: 20181110865.0</p> <p>申请日期: 2018年06月11日</p> <p>专利权人: 上海颀普静电科技有限公司</p> <p>地址: 上海市上海路100号</p> <p>代理机构: 上海中伦律师事务所</p> <p>局长: 申之南</p>	<p>证书号: 20181110866.0</p> <p>外观设计专利证书</p> <p>名称: 静电除尘电极</p> <p>设计人: 曹晓波等</p> <p>专利号: 20181110866.0</p> <p>申请日期: 2018年06月11日</p> <p>专利权人: 上海颀普静电科技有限公司</p> <p>地址: 上海市上海路100号</p> <p>代理机构: 上海中伦律师事务所</p> <p>局长: 申之南</p>
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Electrostatic Eliminator Series



QP-F35 Explosion proof electrostatic eliminator



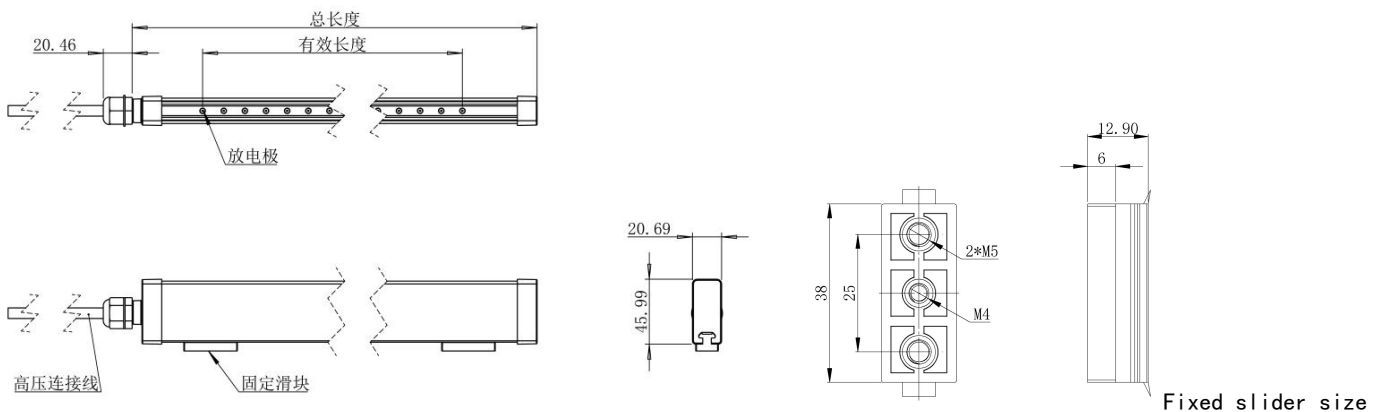
Performance description:

Qp-F35 Explosion-proof electrostatic eliminator has passed the certification and inspection of the national explosion-proof certification agency, and has been tested in the ethylene environment. It can be used for the static elimination of class IIB explosive gas environment. The main body of the product is made of composite glass steel material, and the main body has no metal parts, which greatly improves the insulation of the product and ensures more reliable and safe use of the product; the internal part adopts the full filling structure, which avoids the influence of external water, oil and various gases on the internal structure and ensures the safe and reliable operation of the product; the back part is equipped with an integrated injection molding slider, which is easy to install and use.

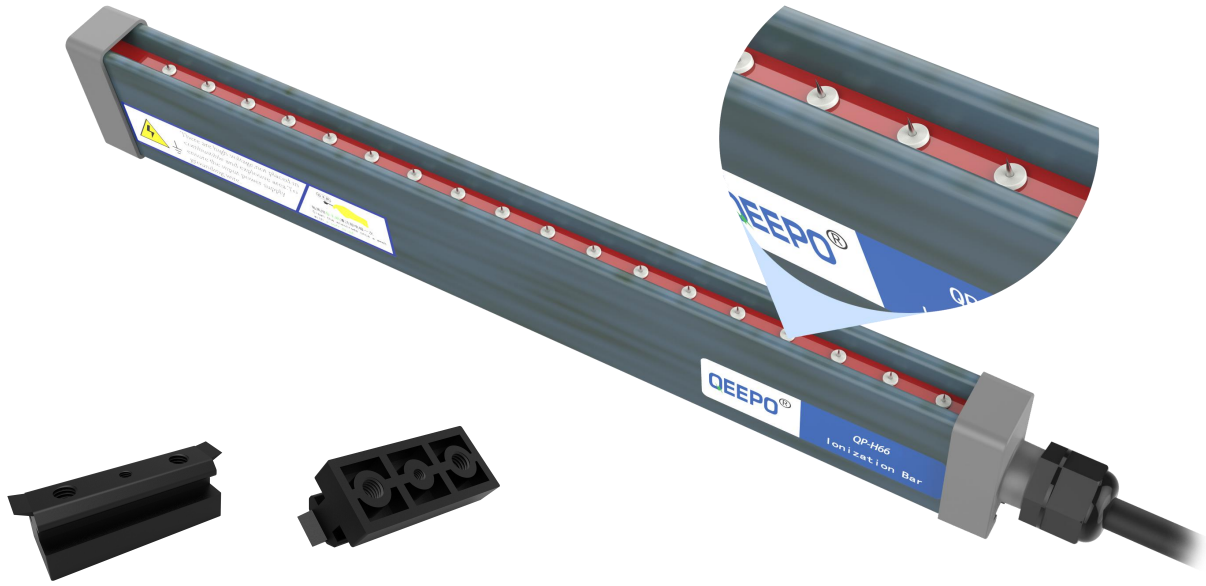
performance parameter:

Model	QP-F35	Explosion proof sign	Ex sc IIB T4 Gc
input voltage	220V AC 50/60Hz	Explosion proof Certificate No.	GYB19.0001X
working voltage	Max 7000V AC	Discharge electrode material	Ti
Rated current	Max 7mA	Ion balance	±100V
working frequency	50/60Hz	Electrostatic removal speed	≅0.2S
working temperature	0°C~40°C	Working humidity	35%~75%RH

Product size:



QP-H66 Efficient and Safe Electrostatic Eliminator



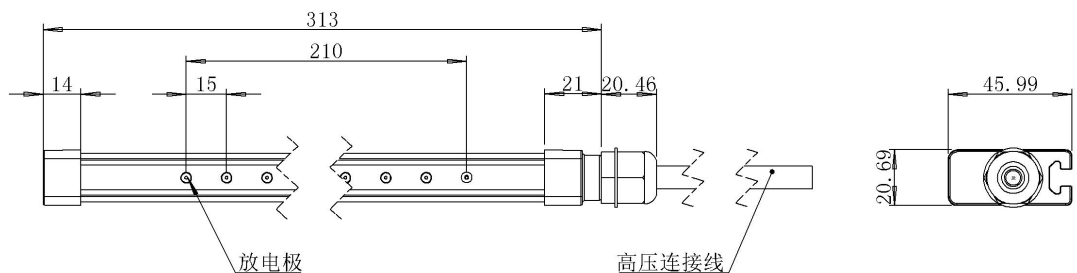
Features:

- ◆ Glass Fiber reinforced plastic for ion Bar;
- ◆ Internal coupling current limiting structure has better safety and shock protection performance, and can be used in many dangerous areas ;
- ◆ Innovative Structural design, greatly enhance ion production;
- ◆ Fixed slider with high insulation is adopted to facilitate fixed installation.

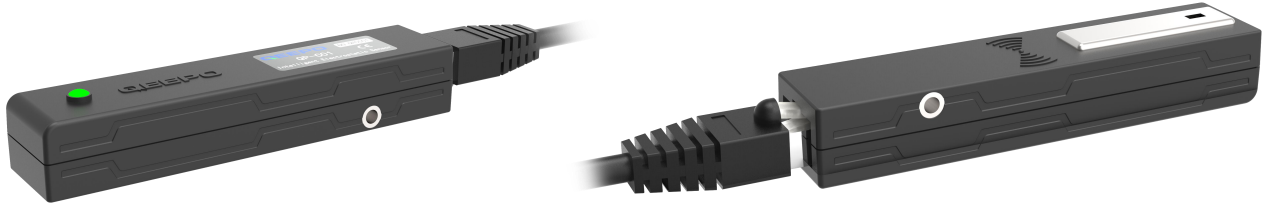
performance parameter:

Model	QP-H66
Effective Distance	30~150mm
Section size	20.7*46 mm L max=4000mm
Electrode needle spacing	15-20mm
Electrode needle material	titanium alloy
Working temperature and humidity	-10~60°C/75%
Recommended installation distance 50-100mm.	

Product size:



QP-C01 Intelligent Electrostatic Sensor

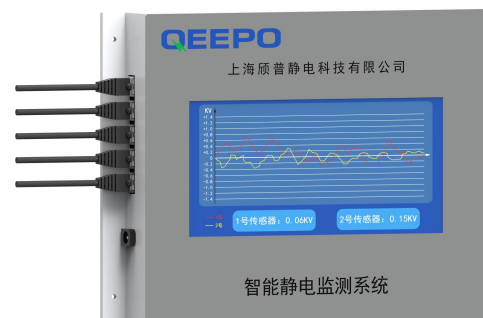
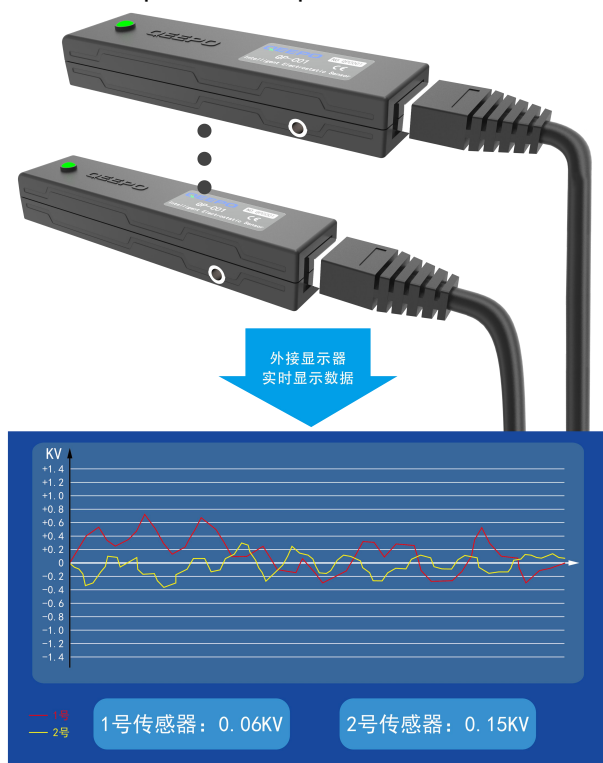


Performance characteristics:

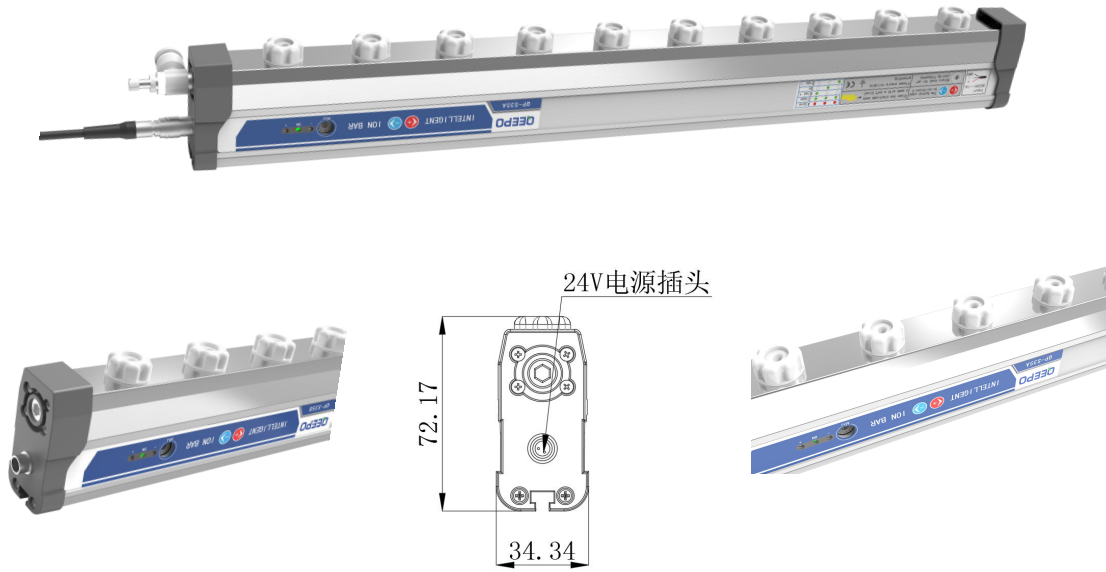
- 1、 Beautiful shape, super small size, easy installation.
- 2、 Detection distance user can choose to adjust.
- 3、 Wide detection potential range and high detection accuracy.
- 4、 Alarm threshold can be set, high-light LED operation instructions, normal green light is always on beyond the threshold red light alarm.
- 5、 Support multiple communication protocols to connect RS-232, RS-485, CAN, Ethernet, WIFI, seamless connection with user equipment.
- 6、 Strong data analysis capabilities can provide real-time curves, historical curves and data reports. Data status printable output.

performance parameter:

working voltage	DC 7-36V
Working Current	< 25mA
Vibration frequency	< 1KHz
Data Response	< 50mS
Communication distance	< 2Km
Measuring distance	25mm~500mm
measuring range	±20KV
Product size	95. 5*20. 7*16. 7mm



QP-S35 Static Eliminator



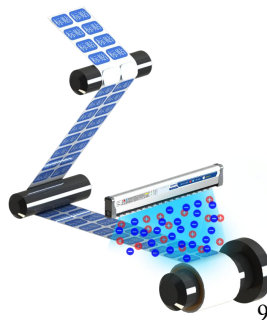
Features:

- 1.1. 24V input voltage, using safety and convenience;;
- 2. In addition to the speed of static electricity, distance and dust can be removed; Material selection of high performance engineering
- 3. Material selection of high performance engineering plastics;
- 4. The balance can be adjusted for various occasions.

model	QP-S35	
Operating Voltage	24V	
Ion Balancing	+11	
	-9	
Discharge Speed	+	0.4S
	-	0.5S
test conditions: temperature 26°C; humidity: 67%; test voltage: 1KV~100V; test distance: 50mm. test pressure: 0.5MPa.		
test instrument: 3M711		

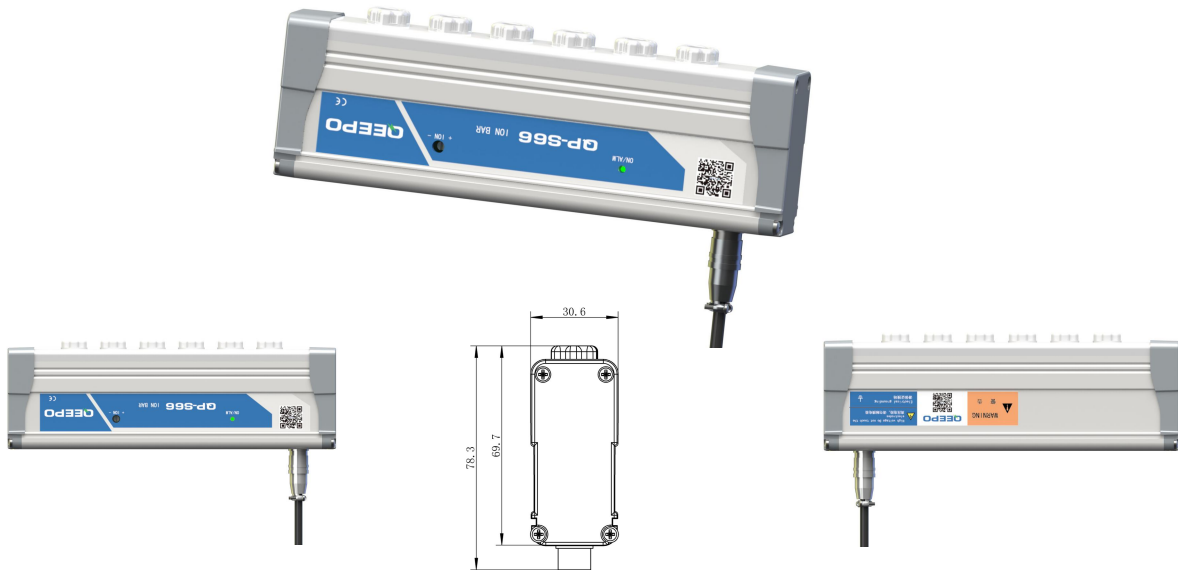
Performance Parameters:

Application field:



- Electronic
- Photoelectric
- Printing
- Plastic
- Textile and other industries.

QP-S66 Static Eliminator



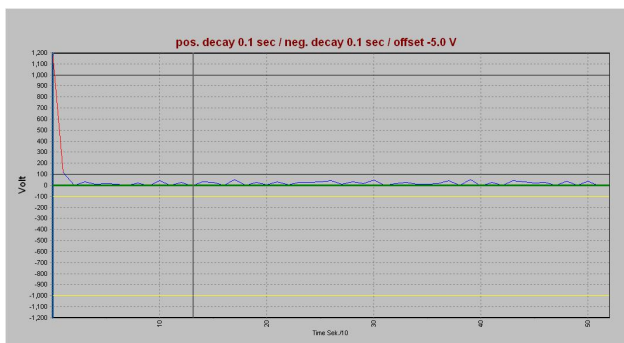
Features:

1. Integrated design, easy to use;
2. Adjustable balance, better effect;

3. Excellent in addition to electrostatic properties, suitable for all kinds of equipment;
4. Replaceable electrode can be replaced with longer life.

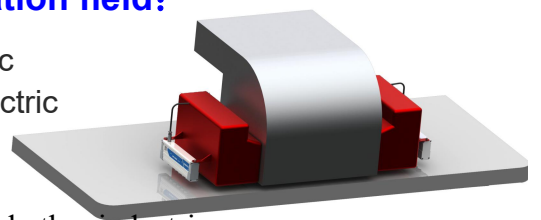
Performance Parameters:

model	QP-S66	
Operating Voltage	24V	
Ion Balancing	+20	
	-16	
Discharge Speed	+	0.1S
	-	0.1S
test conditions: temperature 26°C; humidity: 67%; test voltage: 1KV~100V; test distance: 50mm.		
test instrument: 3M711		



Application field:

- Electronic
- Photoelectric
- Printing
- Plastic
- Textile and other industries.



QP-S66-I Static Eliminator



Features:

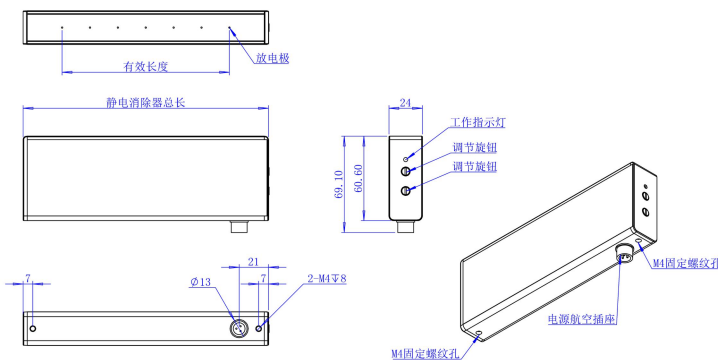
- 1. Integrated design, easy to use;
- 2. Adjustable balance, better effect;

- 3. Excellent static electricity removal performance, suitable for equipment supporting use;
- 4. The discharge electrode is made of titanium and has a longer service life.

Performance Parameters:

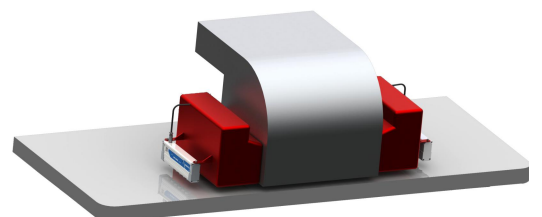
model	QP-S66-I	
Operating Voltage	24V	
Ion Balancing	+30V	
	-30V	
Discharge Speed	+	0.1S
	-	0.1S
test conditions: temperature 26°C; humidity: 67%; test voltage: 1KV~100V; test distance: 50mm.		
test instrument: CPm374		

Appearance size :

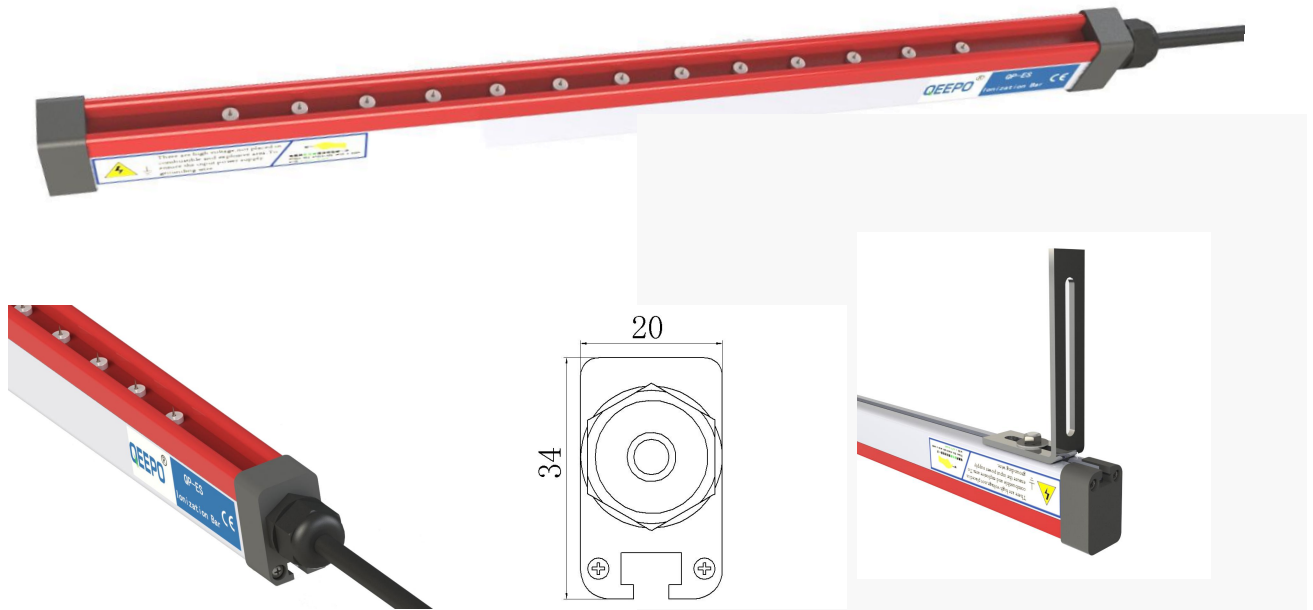


Application field:

- Electronic
- Photoelectric
- Printing
- Plastic
- Textile and other industries.



QP-ES Static Eliminator



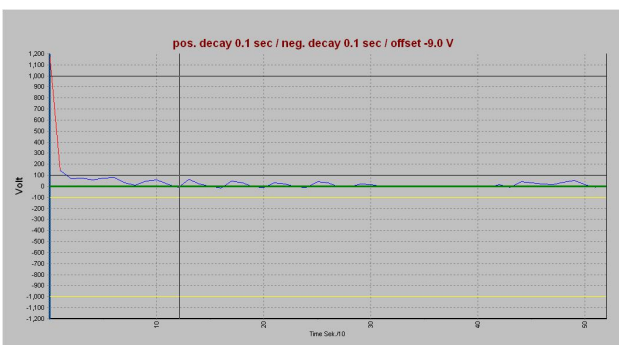
Features:

- 1、 Prevent electric shock design, use of safe;
- 2、 High strength alloy material with fine appearance;

- 3、 Excellent destatic performance, widely applicable scope;
- 4、 Using special technology to isolate the electrode, the electrostatic performance is better.

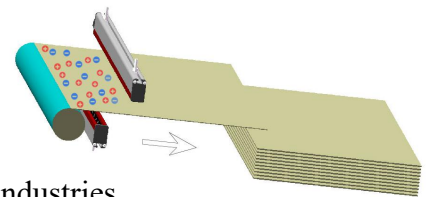
Performance Parameters:

model	QP-ES	
Operating Voltage	220V/50Hz or 110V/60Hz	
Ion Balancing	+28	
	-20	
Discharge Speed	+	0.1S
	-	0.1S
test conditions: temperature 26°C; humidity: 67%; test voltage: 1KV~100V; test distance: 50mm.		
test instrument: CPM374		

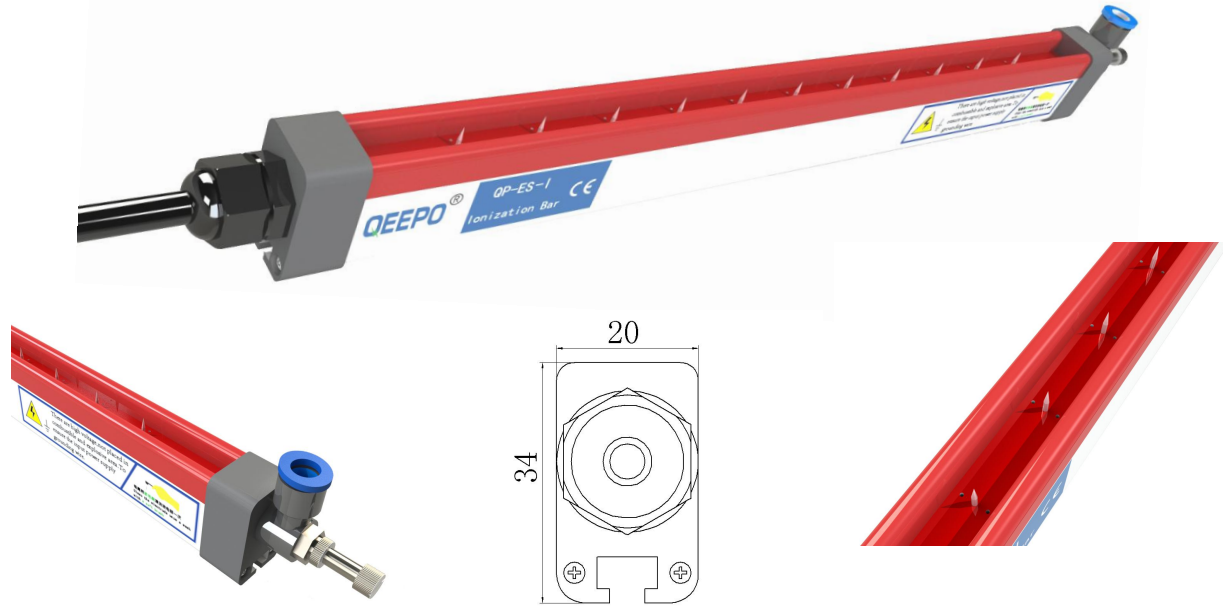


Application field:

- Electronic
- Photoelectric
- Printing
- Plastic
- Textile and other industries



QP-ES-I Static Eliminator

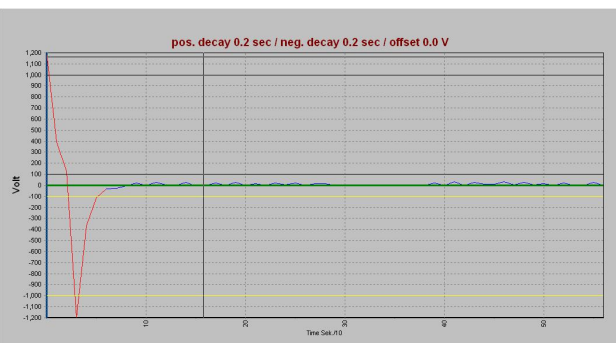


Feature:

- 1、 Prevent electric shock design, use of safe;
- 2、 High strength alloy material with fine appearance;
- 3、 Excellent destatic performance, widely applicable scope;
- 4、 In addition to the speed of static electricity, distance and dust can be removed.

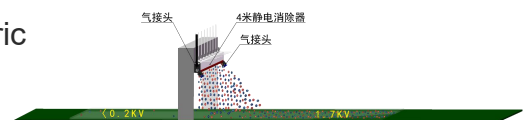
Performance Parameters:

model	QP-ES-I	
Operating Voltage	220V/50Hz or 110V/60Hz	
Ion Balancing	+25	
	-18	
Discharge Speed	+	0.2S
	-	0.2S
test conditions: temperature 26°C; humidity: 67%; test voltage: 1KV~100V; test distance: 150mm. test pressure: 0.5MPa.		
test instrument: CPM374		

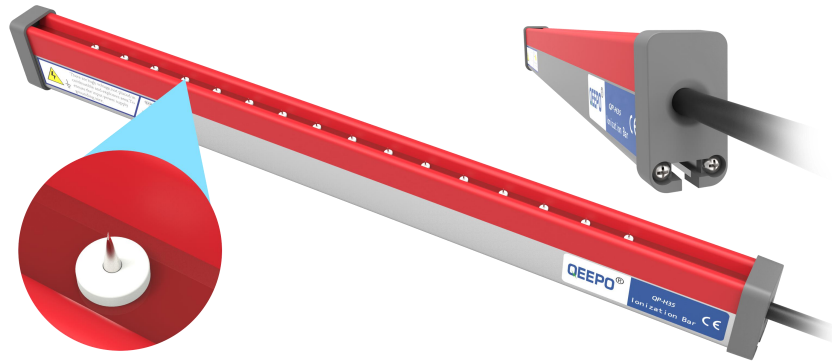


Application field:

Electronic
Photoelectric
Printing
Plastic
Textile and other industries.



QP-H35 Static Eliminator



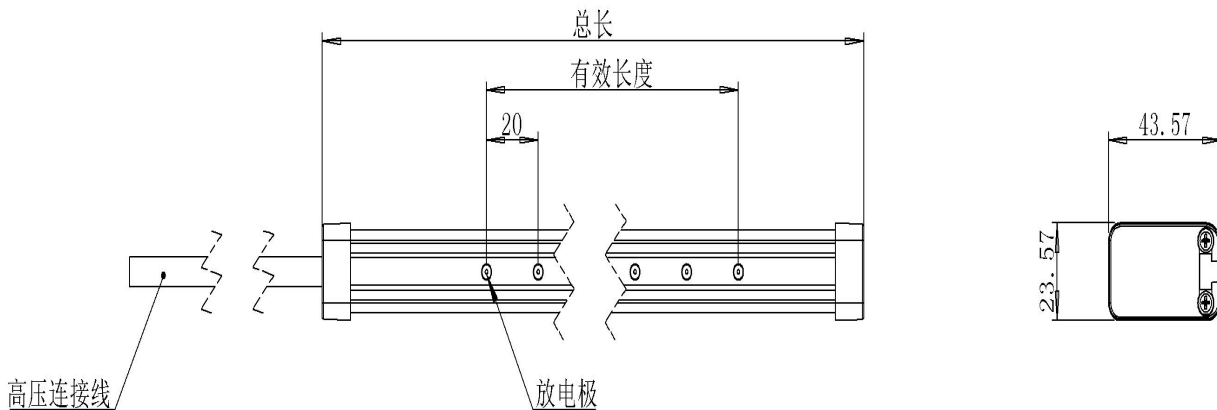
Feature:

- 1、 The outer part is made of self-developed alloy plastics with lower metal materials, and the inner part is full-encapsulated structure.
2. Innovative structure design, excellent ion balance, greatly increase ion production;
3. Internal coupling current limiting structure has better safety performance and can be used in many dangerous areas.
4. T-groove fixed structure is adopted, which is simple and convenient to install.

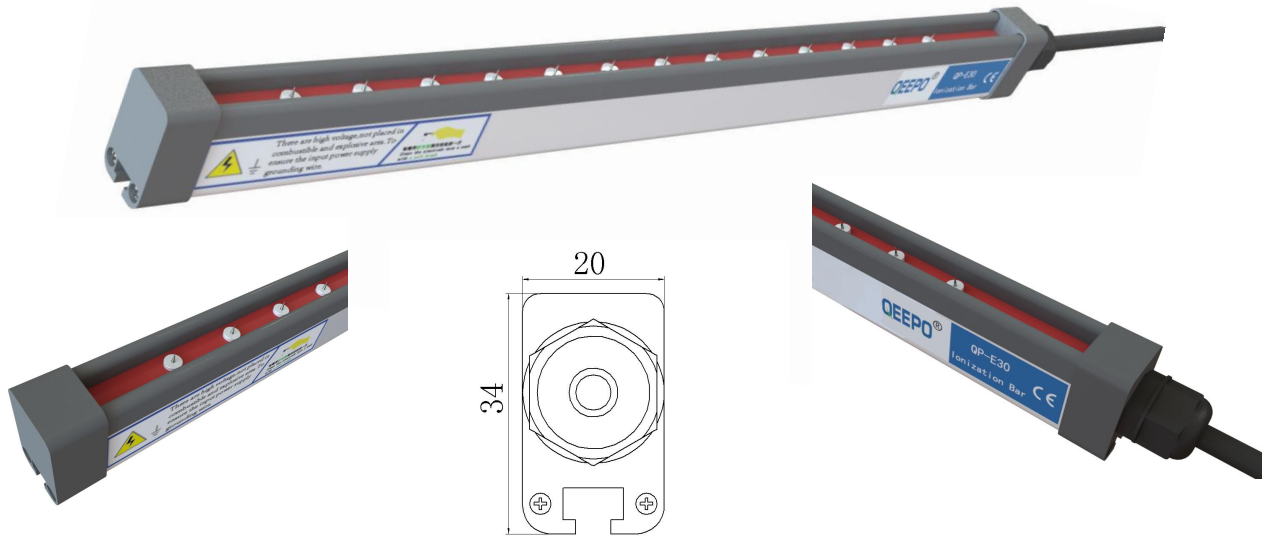
Performance Parameters:

Model	QP-H35	Ion Equilibrium Degree	+28V
working voltage	4KV~7KV		-23V
Working distance	30~200mm	De-static velocity	正 0.1S
working temperature	-10~60°C		负 0.1S
Section size	23.6*43.6 mm	test conditions: temperature:26°C, humidity: 59.7%;test voltage:1KV~100V; test distance:50mm	
Working humidity	≤75%		
power	≅ 25W		
recommended installation distance	30~50mm	test instrument: CPM374	

Dimensional parameters:



QP-E30 Static Eliminator

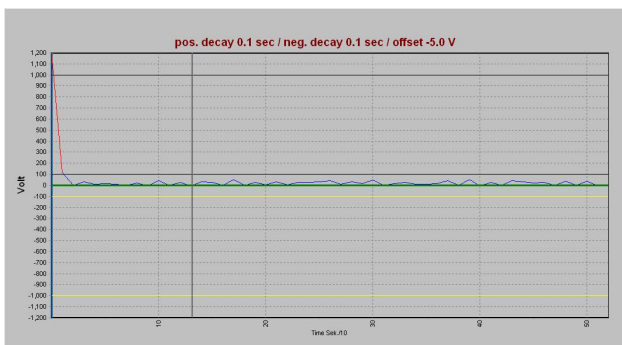


Features:

- 1、 Prevent electric shock design, use of safe;
- 2、 High strength alloy material with fine appearance;
- 3、 Excellent destatic performance, widely applicable scope;
- 4、 Using special technology to isolate the electrode, the electrostatic performance is better.

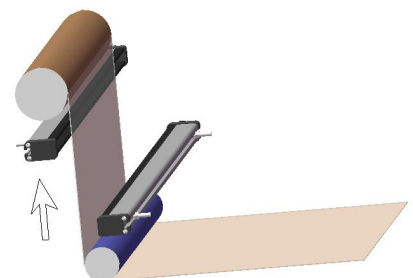
Performance Parameters:

model	QP-E30	
Operating Voltage	220V/50Hz or 110V/60Hz	
Ion Balancing	+28	
	-20	
Discharge Speed	+	0.1S
	-	0.1S
test conditions: temperature 26°C; humidity: 67%; test voltage: 1KV~100V; test distance: 50mm.		
test instrument: CPM374		

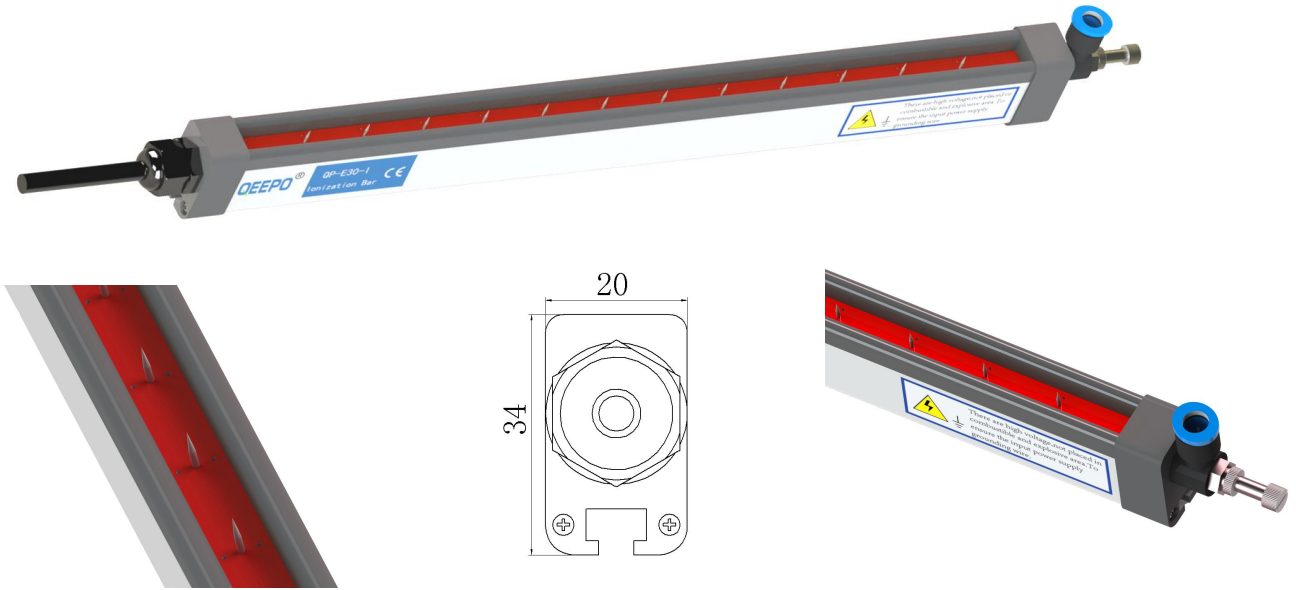


Application field:

- Electronic
- Photoelectric
- Printing
- Plastic
- Textile and other



QP-E30-I Static Eliminator

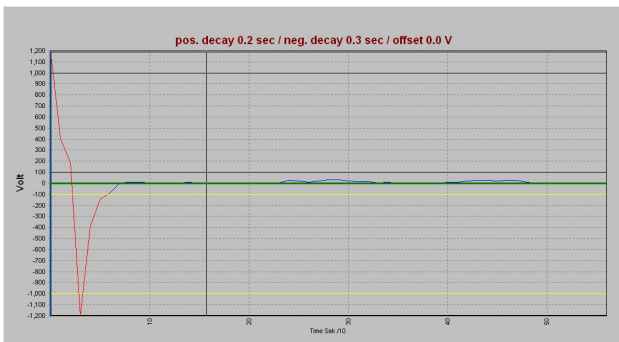


Features:

- 1、 Prevent electric shock design, use of safe;
- 2、 High strength alloy material with fine appearance; ;
- 3、 Excellent destatic performance, widely applicable scope;
- 4、 In addition to the speed of static electricity, distance and dust can be removed.

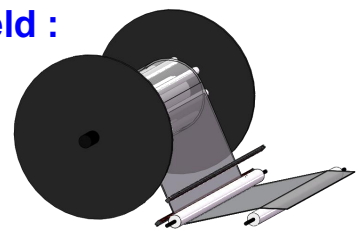
Performance Parameters:

model	QP-E30-I	
Operating Voltage	220V/50Hz or 110V/60Hz	
Ion Balancing	+25	
	-18	
Discharge Speed	+	0.2S
	-	0.2S
test conditions: temperature 26°C; humidity: 67%; test voltage: 1KV~100V; test distance: 150mm. test pressure: 0.5MPa.		
test instrument: CPM374		

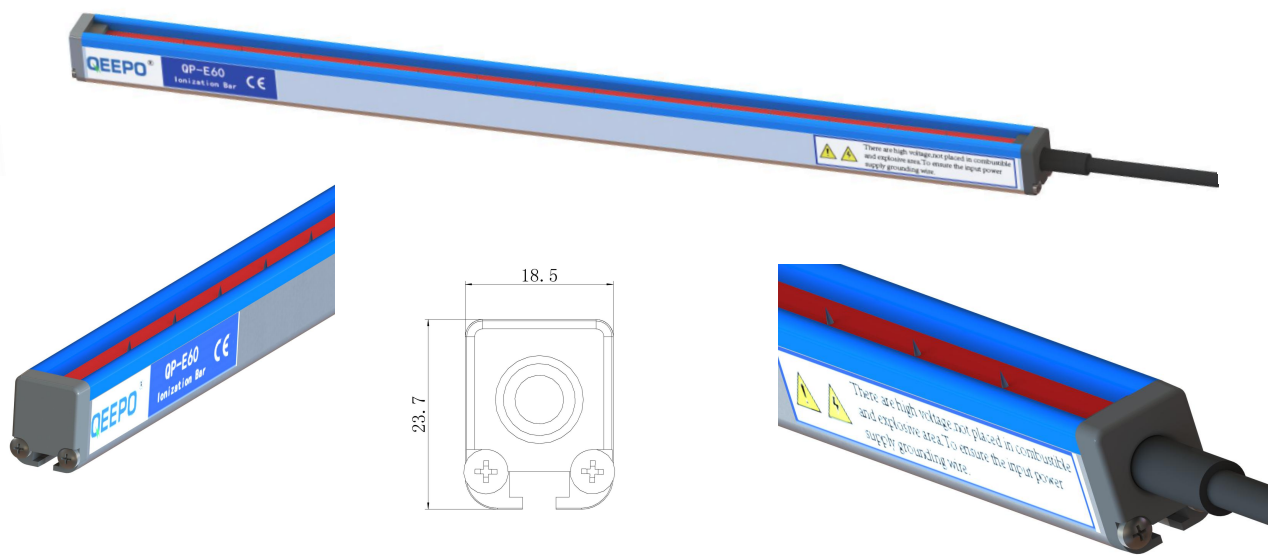


Application field :

Electronic
Photoelectric
Printing
Plastic
Textile and other industries.



QP-E60 Static Eliminator

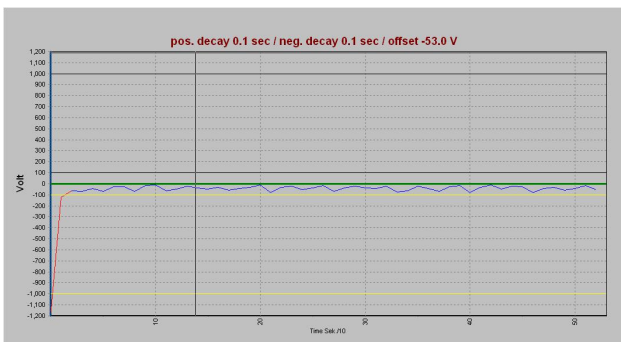


Features:

- 1、Prevent electric shock design, use of safe
- 2、Microstructure design can be used for all kinds of small environmental installations;
- 3、Excellent destatic performance, suitable for all kinds of equipment;
- 4、Full seal structure, internal not easily damaged, service life longer.

Performance Parameters:

model	QP-E60	
Operating Voltage	220V/50Hz or 110V/60Hz	
Ion Balancing	+28	
	-23	
Discharge Speed	+	0.1S
	-	0.1S
test conditions: temperature 26°C; humidity: 67%; test voltage: 1KV~100V; test distance: 50mm.		
test instrument: CPM374		

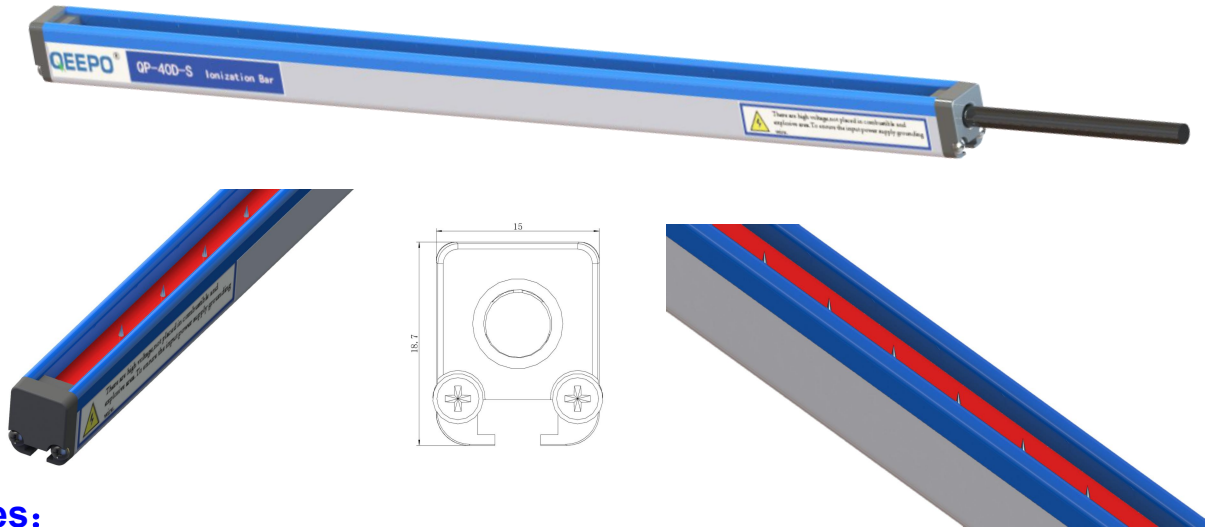


Application field :

- Electronic
- Photoelectric
- Printing
- Plastic
- Textile and other industries.



QP-40D-S Static Eliminator

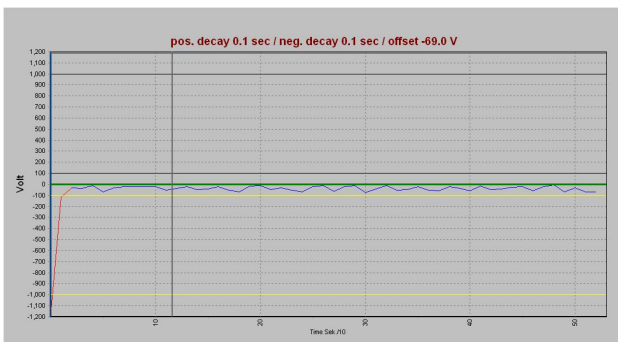


Features:

- 1、The economy is practical and widely used;
- 2、Microstructure design can be used for all kinds of small environmental installations;
- 3、Excellent in addition to electrostatic properties, suitable for medium and low speed equipment;
- 4、Full seal structure, internal not easily damaged, service life longer

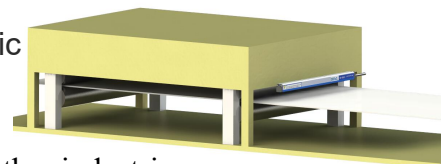
Performance Parameters:

model	QP-40D-S	
Operating Voltage	220V/50Hz or 110V/60Hz	
Ion Balancing	+28	
	-69	
Discharge Speed	+	0.1S
	-	0.1S
test conditions: temperature 26°C; humidity: 67%; test voltage: 1KV~100V; test distance: 50mm。		
test instrument: CPM374		



Application field :

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QP-FG Ionizing Air Gun



Features:

- 1、Neutralizes static electricity quickly;
- 2、The ion air flow covers a large area;
- 3、The air gun has good grounding protection;
- 4、With a certain dust removal effect.

Performance Parameters:

model	QP-FG	
Operating Voltage	220V/50Hz or 110V/60Hz	
Ion Balancing	+15	
	-18	
Discharge Speed	+	1.8S
	-	1.2S
test conditions: temperature 22°C; humidity: 60%; test voltage: 1KV~100V; test distance: 150mm. test pressure: 0.5MPa.		
test instrument: CPM374		

QP-YS Ring Static Eliminator



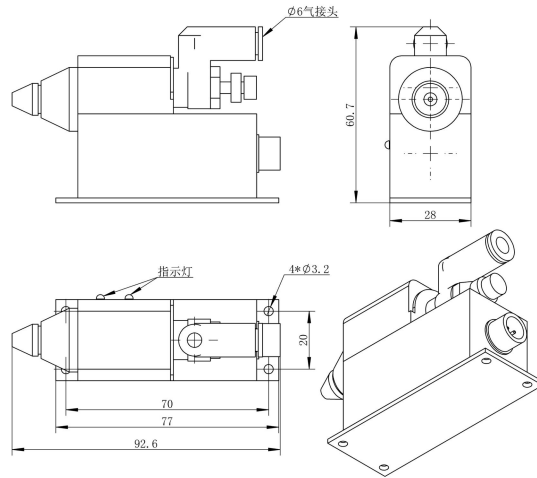
Features:

- 1、High strength alloy material, exquisite appearance;
- 2、Apply to the surface electrostatic elimination of all kinds of tubular materials;
- 3、Excellent in addition to electrostatic properties;
- 4、Full sealing structure, internal not easily damaged.

Performance Parameters:

model	QP-YS	
Operating Voltage	220V/50Hz or 110V/60Hz	
Ion Balancing	+35	
	-37	
Discharge Speed	+	0.1S
	-	0.1S
test conditions: temperature 22°C; humidity: 60%; test voltage: 1KV~100V; test pressure: 0.5MPa		
test instrument: CPM374		

QP-FZ Ion Wind Mouth

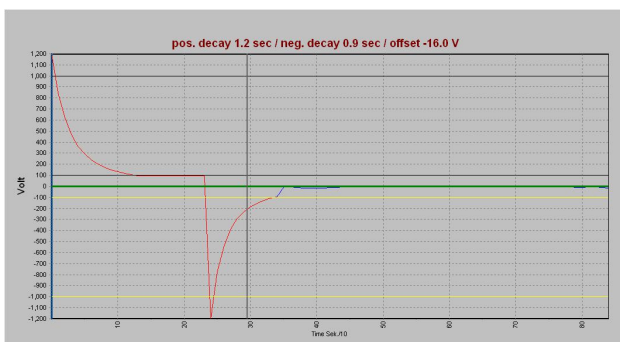


Features:

- 1、 Neutralizes static electricity quickly;
- 2、 The ion air flow covers a large area;
- 3、 The wind mouth has good grounding protection
- 4、 With a certain dust removal effect

Performance Parameters:

model	QP-FZ	
Operating Voltage	220V/50Hz	
Ion Balancing	+17	
	-14	
Discharge Speed	+	1.2S
	-	0.9S
test conditions: temperature 22°C; humidity: 62%; test voltage: 1KV~100V; test distance: 150mm. test pressure: 0.5MPa.		
test instrument: CPM374		



Application field :

- Electronic
- Photoelectric
- Printing
- Plastic
- Textile and other industries.

QP-FA-I/QP-FA-II Suspended Ion Fan



QP-FA-I



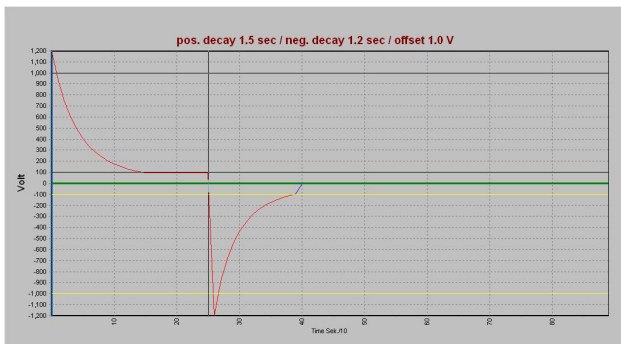
QP-FA-II

Features:

- 1、Neutralizes static electricity quickly;
- 2、Wide range of wind regulation;
- 3、The ionic airflow covers a large area;
- 4、The fan has good grounding protection;

Performance Parameters:

model	QP-FA-I/QP-FA-II	
Operating Voltage	220V/50Hz	
Ion Balancing	+12	
	-10	
Discharge Speed	+	1.8S
	-	1.2S
test conditions: temperature 22°C; humidity: 62%; test voltage: 1KV~100V; test distance: 150mm.		
test instrument: CPM374		



Application field :

- Electronic
- Photoelectric
- Printing
- Plastic
- Textile and other industries.

QP-FA-III/QP-FA-IV Suspended Ion Fan



QP-FA-III



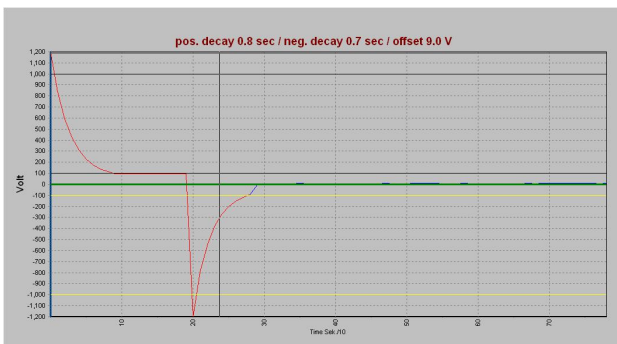
QP-FA-IV

Features:

- 1、Neutralizes static electricity quickly;
- 2、The range of wind power is wide;
- 3、The ion air flow covers a large area;
- 4、The fan has good grounding protection

Performance Parameters:

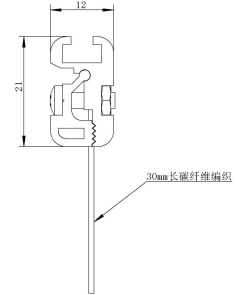
model	QP-FA-III/QP-FA-IV	
Operating Voltage	220V/50Hz	
Ion Balancing	+12	
	-10	
Discharge Speed	+	1.8S
	-	1.2S
test conditions: temperature 22°C; humidity: 62%; test voltage: 1KV~100V; test distance: 150mm.		
test instrument: CPM374		



Application field :

- Electronic
- Photoelectric
- Printing
- Plastic
- Textile and other industries.

QP-MS Electrostatic Eliminating Brush



Features:

- 1、 Use of imported carbon fiber to make up, not easy to produce the wool to fall;
- 2、 Corrosion resistant wear resistant, stable performance;
- 3、 The economy is practical and easy to install.
- 4、 The environment is adaptable without electricity.

Performance Parameters:

The QP-MS type electrostatic brush is of 12*21mm size with a production length of 50 to 3000mm. The line resistivity is 1.62/Ω cm, and the volume resistivity is 1.83*10⁻³/Ω cm.

QP-JDS Electrostatic Rope



Features:

- 1、 Woven with 100% high conductivity and strong wire
- 2、 Corrosion resistant wear resistance, stable performance. 。
- 3、 The economy is practical, the installation is simple and convenient.
- 4、 There is no need for electricity and the environment is adaptable.

Performance Paramete:

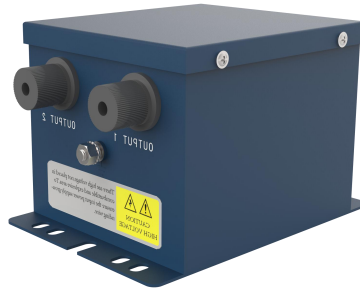
Static rope is based on the 4. 1. 2 GB12158-90 standard, and JT/T407-1999 requirements, regulations on electrostatic the conductor material, the surface resistance is 10³-10⁴ Ω, 2/2.5 mm in diameter.

Application area: plastic、 paper、 Film production and printing installation.

QP-HD-I/II/IV/QP-HB Power Supply



QP-HD-I



QP-HD-II



QP-HD-IV



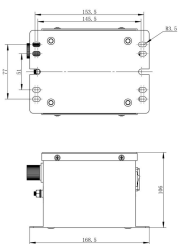
QP-HB

Features:

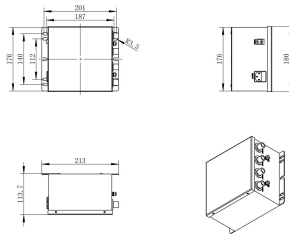
1. Low power consumption, high energy, safety and reliability, excellent performance.
2. Sealing damp-proof structure, internal glue sealing, suitable for high humidity environment.
3. High-performance magnetic flux leakage protection device, with over-voltage, short-circuit protection characteristics, safe and reliable.
4. Easy to operate and strong environmental applicability.

Performance Parameters:

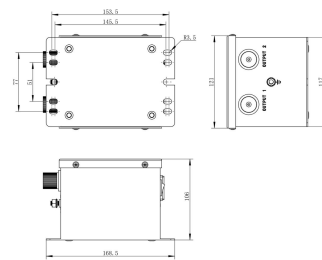
QP-HD-I/II power supply is 168.5*121*106 mm (L*W*H), QP-HD-IV power supply is 213*180*113.7 mm (L*W*H), and QP-HB power supply is 168.5*121*106 mm (L*W*H). The power is 28W/50W, the input voltage is 220V/50HZ, the output voltage is 4/5.6/6/7KV (customer's choice), and the output current is less than 4mA. The length of the power cord is 1.8m/3m. The working temperature is 0 - 50 C.



QP-HD-I/QP-HD-II



QP-HD-IV



QP-HB



Series of High Efficiency Corona Processing Equipment



Features:

QP-CHSF series

1. The discharge is uniform and fine, and the output power of the device is automatically adjusted by PFM according to the surface polarization factor of the film treatment.
2. Inverter circuit adopts imported IGBT power module and works stably.
3. By adjusting the working frequency, the power consumption is less than that of traditional products.
4. Mechanical oil-immersed sealed high-frequency and high-voltage transformer makes the quality of processed materials more stable.
5. A variety of monitoring and protection overtemperature, overcurrent, short circuit, closure opening, roll stopping, etc.
6. Load Corona Axis Stop Protection.
7. Soft startup protects the machine from damage due to excessive current



QP-CDSL series

1. The output power can be adjusted and controlled independently by running in two groups.
2. Digital display, working status indication, simple and clear interface.
3. Input EMC filter has strong anti-jamming ability.
4. High efficiency and energy saving.
5. Discharge uniformity and compactness can not only ensure the degree of surface treatment, but also reduce the barrier of the film.
6. The inverter circuit adopts imported power module, which works stably.
7. Mechanical oil-immersed sealed high-frequency and high-voltage transformer makes the quality of processed materials more stable.
8. A variety of monitoring and protection overtemperature, overcurrent, short circuit, closure opening, roll stopping, etc.
9. Load Corona Axis Stop Protection.
10. Soft startup protects the machine from damage due to excessive current.



Show Results:

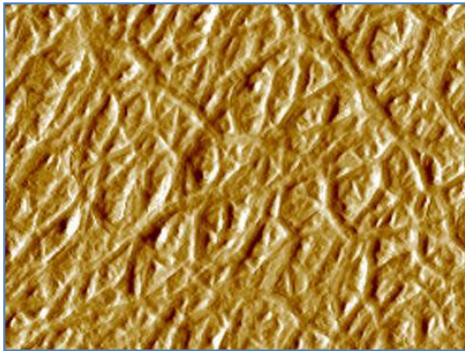
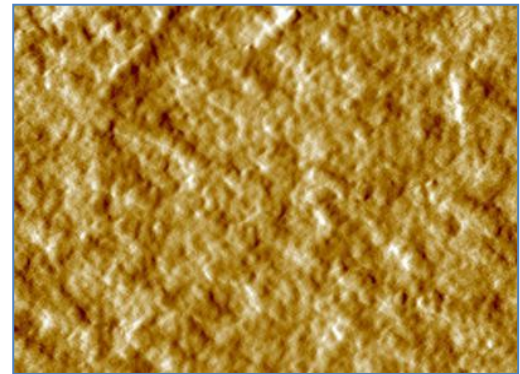
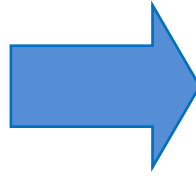
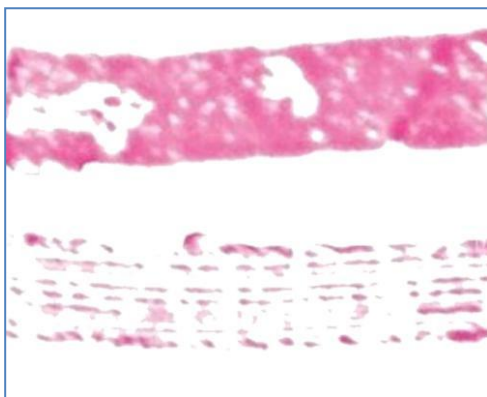


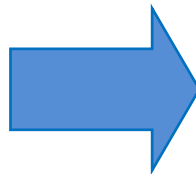
FIG microstructure before treatment



The micrograph after processing



Uneven color before corona

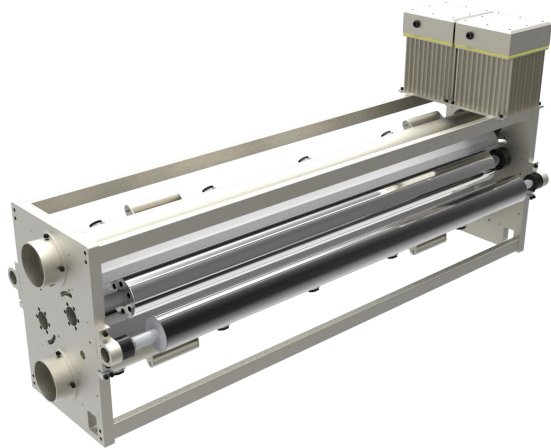


Corona treatment becomes full of color

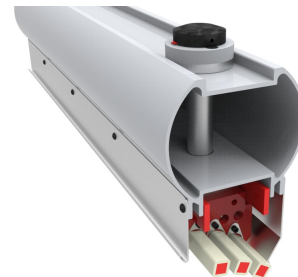
Processing Dyne Value:

Comparison of the cause values of different materials after surface treatment

Film substrate Tension value	PP	LEPE	HDPE	IO	PVC
Uncorona	29	31	31	33~37	39
For printing (after corona)	40~44	38~42	40~44	38~42	39
Composite (after corona)	44~48	44~48	44~48	44~48	44~48



Rotary discharge rack, anti-collision settings, easy to clean electrodes, tube ventilation structure electrodes easy to cool.



The height of electrode gap can be adjusted according to the thickness of different materials, and more substrates can be selected.

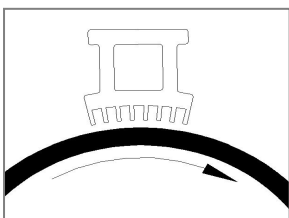


Aluminum alloy electrode

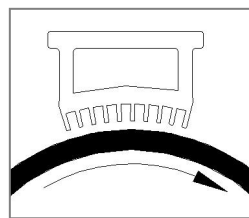


Imported ceramic electrode

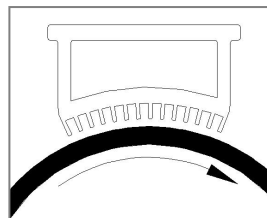
A variety of electrodes to meet different needs



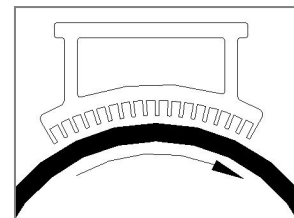
8-tooth electrode



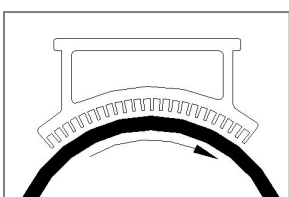
10-tooth electrode



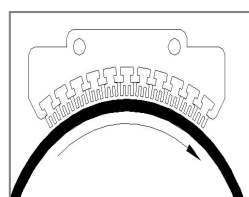
14-tooth electrode



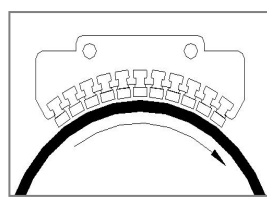
18-tooth electrode



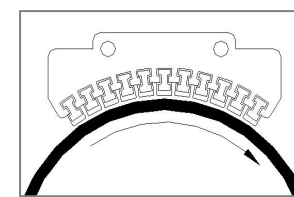
24-tooth electrode



Multi-tooth insert electrode

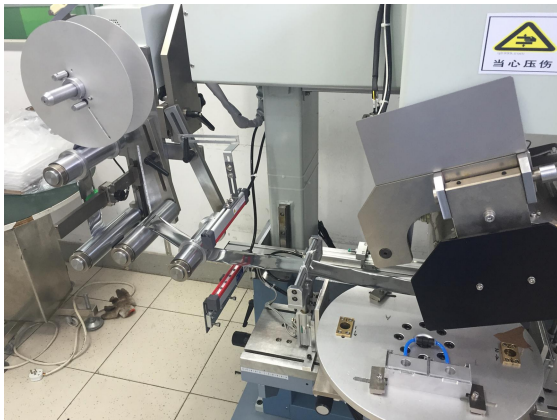


28 Ceramic electrode



Card slot type ceramic electrode

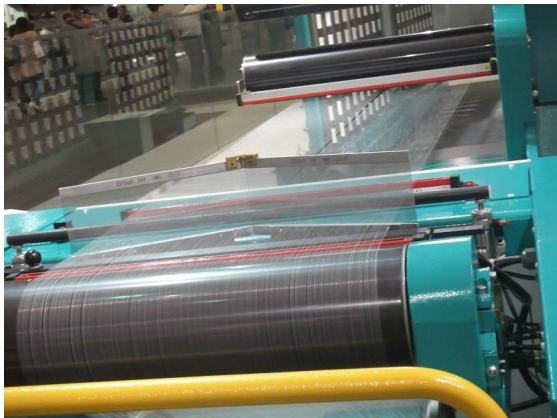
According to the case



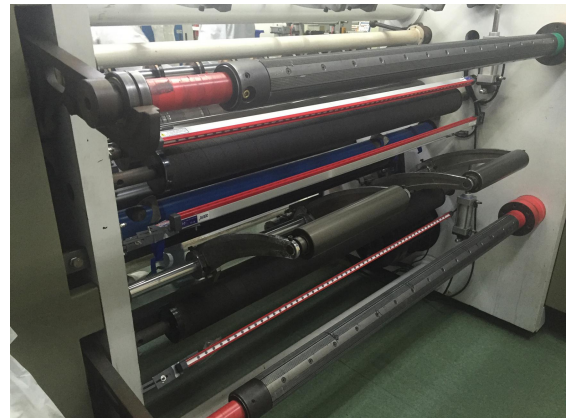
Set of marking machine



Printing machine



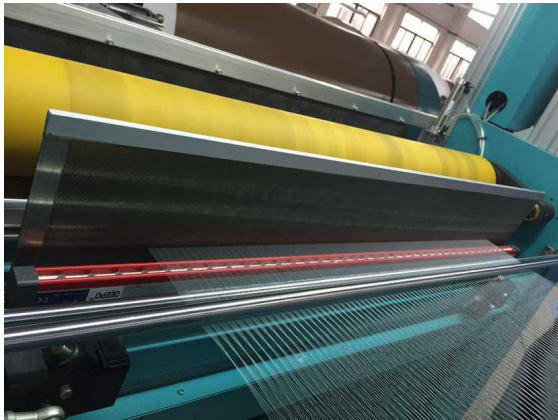
Warping machine



Cutting machine



Slitting Machine



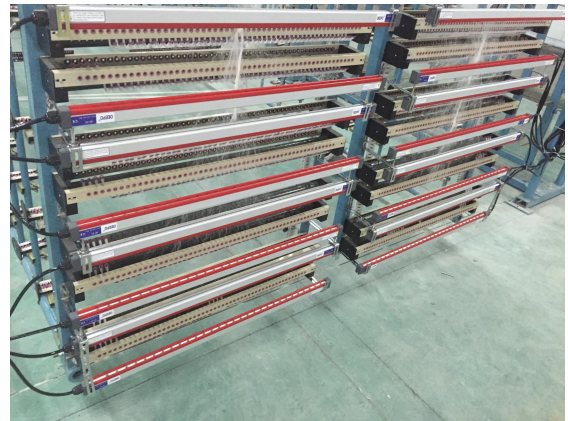
Warping Machine



Coating machine



Extrusion Outlet



CreeI



Stretching Line



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