Ion fan optional accessories

Ion fan optional parts

The front air window

KF-06W-BL
For KF-06W

Needle base

KF-06W-Z1
For KF-06W

KF-10A-BL
For KF-10A.KF-90A

KF-10A-Z2
For KF-10A.KF-90A

KF-21AW-BH
For KF-21AW.40AH.60AH.
80AH.100AH.120AH.150AH

KF-21F-Z3
For KF-21F.21AW.40AH.
60AH.80AH.100AH.120AH.150AH

Rear air window

Filter air window

Filter air window components

Rear side

Metal air window

60*60 fan standard configuration

80*80 fan standard configuration

120*120 fan standard configuration

High frequency AC ion bar

High frequency AC type ion bar realize small size and high efficiency , which means the way of generating two polarity ions when imposing"+"and "-"high voltage alternately to the spray needle. Comparing with traditional AC method, it can generate more ions and won't casuse uneven elimination phenomenon.

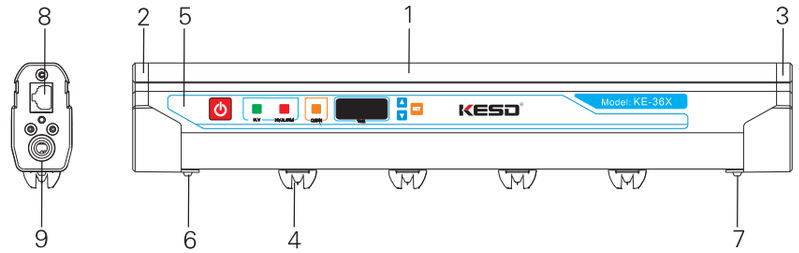
Characteristics

- Elimination speed has relationship with airflow, therefore, must increase airflow to carry out high speed destaticizing.
- High frequency 68000HZ.
- Auto ion balance system, in a short decay time.
- The power supply applies side wiring to guarantee the front and back space.
- Equipped with destaticizing normal operation indicator light and high voltage abnormal operation indicator light.
- Can set maintenance time according to the workshop environment.
- Time set:0-999 hours(refer to the manual).

Specification

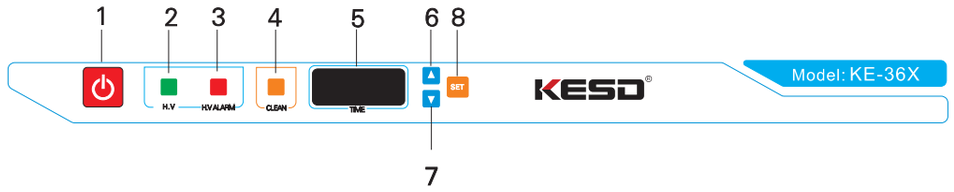
Technical Parameter		
Input voltage		DC24V±5%
Iron generating way		Corona discharge way
LED Display	H.V(green)	High voltage normal operation indicator
	ALARM(red)	The indicator shows ion discharge abnormal and electric circuit abnormal
	CLEANING (yellow)	Indicate having arrived the clean time, buzzer reminder meantime
Voltage applied		High frequency AC±2200V
Ion balance		Within ±20V(measuring distance 300mm, supply air pressure 0. 3MPa)
Decay time		2.0S(measuring distance 300mm, supply air pressure 0. 3MPa)
Clean time set		Can be set within 0-999 hours
Ozone generation amount(ppm)		within 0.03 ppm(measuring distance 50mm, supply air pressure 0. 2MPa)
Applicable fluid		Air(cleaning air of which the water and oil has been removed)
Air pressure application range(MPa)		0.01-0.5MPa
Environment temperature		Indoor 0℃~40℃
Environment humidity		15%~75%Rh(no condensation)

Graphic details



1、Main shell body
2、Shell left side plate
3、Shell right side plate
4、Emitter (Spray needle)
5、Control panel
6、Left side auxiliary air hole
7、Right side auxiliary air hole
8、Power Port(DC24V)
9、Air inlet plug

Panel function diagram

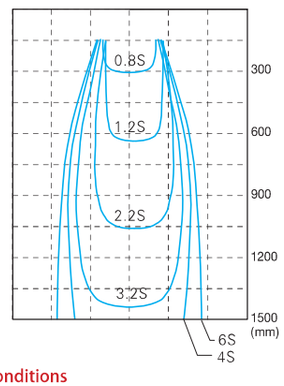


1、Main power switch
2、H.V.-High voltage normal operation indicator
3、H. VALARM.-High voltage abnormal operation indicator
4、CLEAN: Means arrived the clean time
5、LED Display: Showing the clean time settled on the screen
6、Adjust cleaning time(time increase)
7、Adjust cleaning time(time decrease)
8、Set cleaning time(0-999H adjustable)

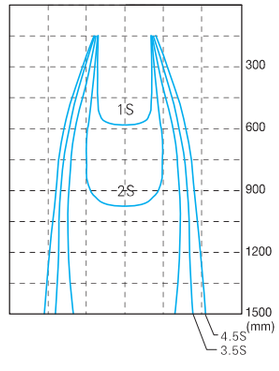
Destaticizing Range and Destaticizing Time

The following is the necessary destaticizing time of the object and the distance from the object to the ion bar.

Destaticizing Range and Time(0.2Mpa)

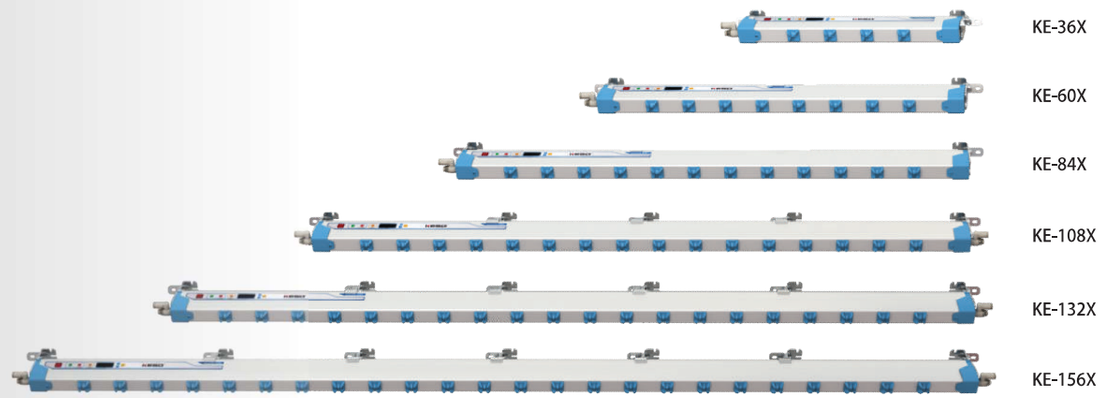


Destaticizing Range and Time(0.5Mpa)

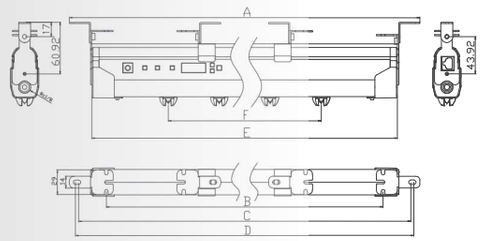


Measuring conditions
1. Destaticizing time from±1000V to±100v;
2. Apply plate-type static electricity tester with specification of 150mm×150mm(20pF);
3. Use KE-36X no decline airflow with air pressure of 0.2Mpa and 0. 5Mpa respectively.

KE series ion bar



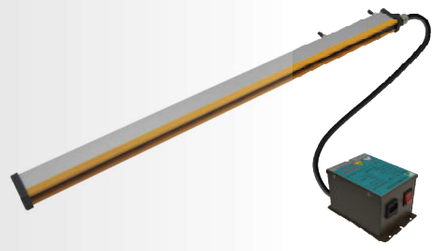
Appearance drawing



Model and Specification

Model	Overall length A	Installation interval B	Installation interval C	Installation interval D	Static eliminator E	Electrode spacing F
KE-36X	413	326	391.2	398.8	360	180
KE-60X	653	566	631.2	638.8	600	420
KE-84X	893	806	871.2	878.8	840	660
KE-108X	1133	1046	1111.2	1118.8	1080	900
KE-132X	1373	1286	1351.2	1358.8	1320	1140
KE-156X	1613	1526	1591.2	1598.8	1560	1380

Ordinary ion bar SHB-T



Profile:

SHB-T corona ionizing static bar is a special equipment for eliminating static electricity. Its effect is superior to the ion copper rod. The tungsten steel needle in the product is precisely arranged and no blind area which can quickly eliminate static electricity. It can be applied to the printing and dyeing industry, packaging industry, laundry industry and so on. It needs to be used in conjunction with a dedicated high-voltage power source.

Specification

The section size of the bar is φ32, equip with HV cable, the length of the ion bar and the cable can be customized .(Standard cable: 2500mm)

Technical parameters	
Power source	SK-40~SK-60
Current consumption	0.23mA/M
Ion balance	±20V (Test distance: 30-100mm)
Dimensions	20*36*100-3000mm(Length can be OEM)
Weight	0.48kg(600mm)
Cable length	2500mm(Withstand high pressure 50KV)
Effective distance	30mm-100mm
Operating temperature	-10℃-50℃(No dew、no frost、no ice)
Operating humidity	0%RH~90%RH (No fog)

Pulse AC ionizing air bar

This is a kind of fixed type static eliminator, small size, light in weight, no interfere and safety in operation, equip with H.V normal indicator; Adopt pulse AC type, positive and negative ions distributed from spray heads driven by the compressed air, which can remove static from point to wide area; Rotary type design of the air flue, can increase the static eliminating area based on a certain air inlet.

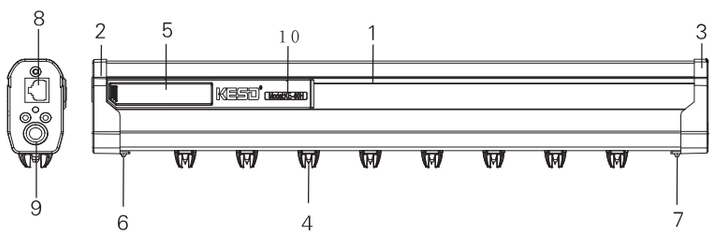
Characteristics

- ▲ Adopt pulse AC type, which can ensure dense ions and stable performance, only need to clean the emitters in a regular period.
- ▲ Unique spray head shape, which can reduce the air consumption.
- ▲ Nozzle head dismantle freely, convenient for maintenance and replacement.
- ▲ Auto-balance system: ±30V
- ▲ H.V normal indicator
- ▲ High safety in operation

Specification

Technical Parameters	
Input voltage	DC 24-36V ±10%
Ion generating way	Pulse AC type
H.V Indicator	Light on H.V normal
Voltage regulation type applied voltage	Pulse AC type ±7000V
Ion balance	±30V (In 300mm distance, 0.2MPa)
Operation distance	50-2000mm
Applied fluid	Air (Clean air without water and oil)
Air pressure range	0.01-0.5 MPa
Environment temperature	Indoor 0℃-40℃
Environment humidity	15%-75% Rh (No condensation)

Graphic drawing

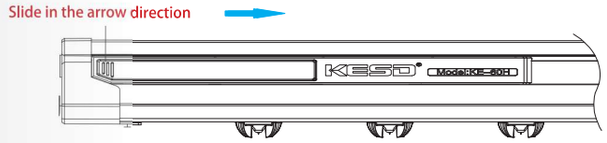


1.Main shell body 2. Shell left side plate 3. Shell right side plate 4. Spray head (Emitter) 5. Slide panel

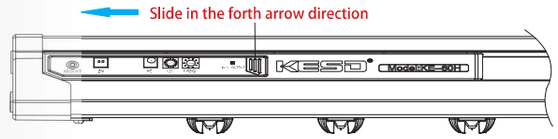
6. Left auxiliary air hole 7. Right auxiliary air hole 8. Power port (DC24V) 9. Air inlet plug 10. Model lable

Panel Structure

Sliding type of the panel, slide for functional test.



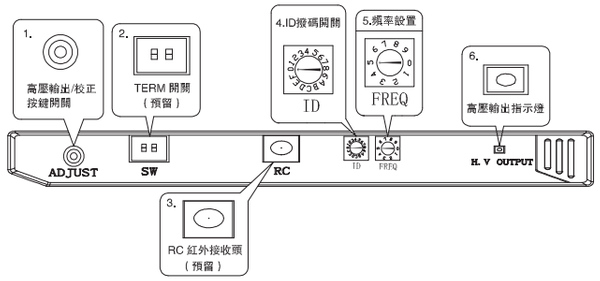
Panel closed



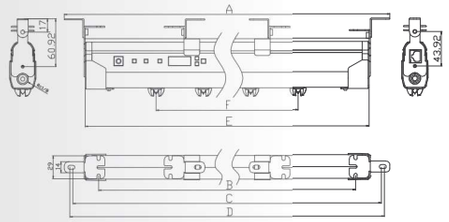
Panel open

Panel function

1. Inching switch for H.V output control and ion balance adjust.
2. TERM switch (Reserved) TERM switch "ON" if required for multi ion bar combination based on internal monitor; If not equip with internal power KE-W101 monitor, turn off TERM switch.
3. RC indicator (Reserved) The light will be on if the bar was locked by the RC.
4. ID switch (Reserved) Need to set an ID number if two KE ion bar working together.
5. FREQ switch.
6. H.V output indicator.



Appearance drawing

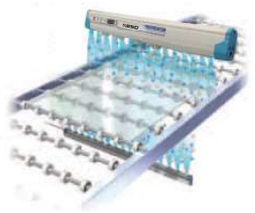


Model and Specification

Model	Overall Length A	Installation interval B	Installation interval C	Installation interval D	Static Eliminator E	Electrode Spacing F
KE-36H	413	326	391.2	398.8	360	180
KE-60H	653	566	631.2	638.8	600	420
KE-84H	893	806	871.2	878.8	840	660
KE-108H	1133	1046	1111.2	1118.8	1080	900
KE-132H	1373	1286	1351.2	1358.8	1320	1140
KE-156H	1613	1526	1591.2	1598.8	1560	1380

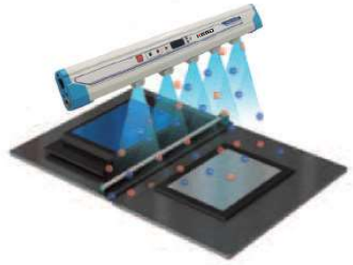
Applications

Destaticizing when handling liquid crystal glass



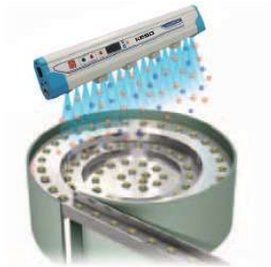
Destaticizing when coating electrode

The static elimination before adhesion

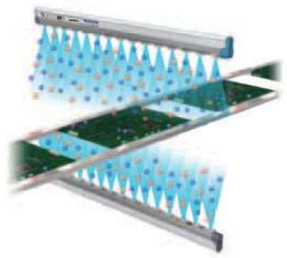


Destaticizing when handling glass fragments

Destaticizing when object passing through



The static elimination when moving PCB board



Destaticizing when peeling silicon chip protective film

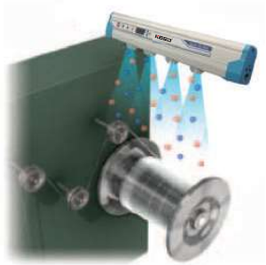
Destaticizing of the scroll before installation

The static elimination of the plate of the reel

Destaticizing during silicon test

Destaticizing before interlayer of environmental material

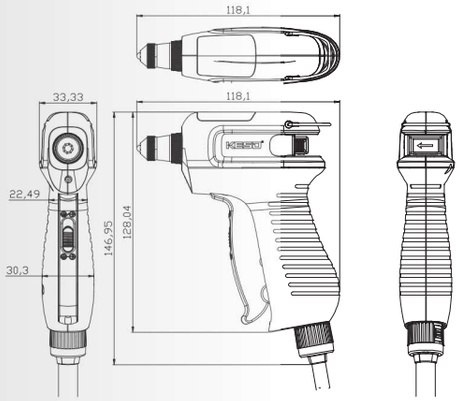
Destaticizing on the roller



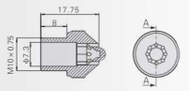
High frequency ionizing air gun KG-5

1. Small size, light weight, flexible and safety for handle
2. Can remove the electrostatic from point to wide range
3. Adopt high frequency AC type
4. Built-in high voltage system, automatic ion balance 0±15V
5. Filter fixed inside, increase the clean rate of compressed air and decrease the voice
6. Piston design of the air flue, huge volume enable short decay time
7. Different nozzle heads for various application
8. Trigger Arc design in accordance with ergonomics, convenient for operation
9. "Electric & air synchronous" and "Air inlet firstly, electric secondly" shift by sliding the trigger

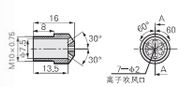
Appearance drawing



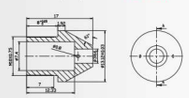
Nozzle heads for optional



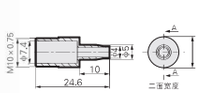
Silencer spray-head (H81480)



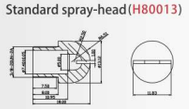
Shower spray-head(H80012)



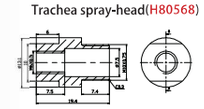
Standard spray-head(H80013)



Trachea spray-head(H80568)



Straight spray-head(H80749)



Connect spray-head(H80636)

Specification

Technical parameters		
Model		KG-5
Input power		DC24V
High voltage output		2200V
Current consumption		500mA
LED indicator	Power normal	LED green light
	HV normal	LED blue light
	Clean reminder	LED yellow light
	HV abnormal	LED red light
Ion generation mode		High Frequency AC Corona type
Ion Balance		0±15V
Operation Temperature		0℃-40℃
Diameter of the air pipe		φ6
Compressed air range		0.05-0.5MPa
Overall size /mm		147*118.1*33.3mm
Weight		175g
Ozone concentration		Below 0.03ppm(distance 150mm)
Length of power adapter cable		2m
Filter precision		0.2μm
Filter efficiency		99%

Anti-static test condition			
Operating voltage: DC 24V Test voltage:±1000V-±100V Environment Temperature:0℃±40℃			
Distance		150mm	300mm
Decay time	Positive	0.5s	0.8s
	Negative	0.6s	0.9s
Ion balance	Positive	<0±15V	
	Negative		