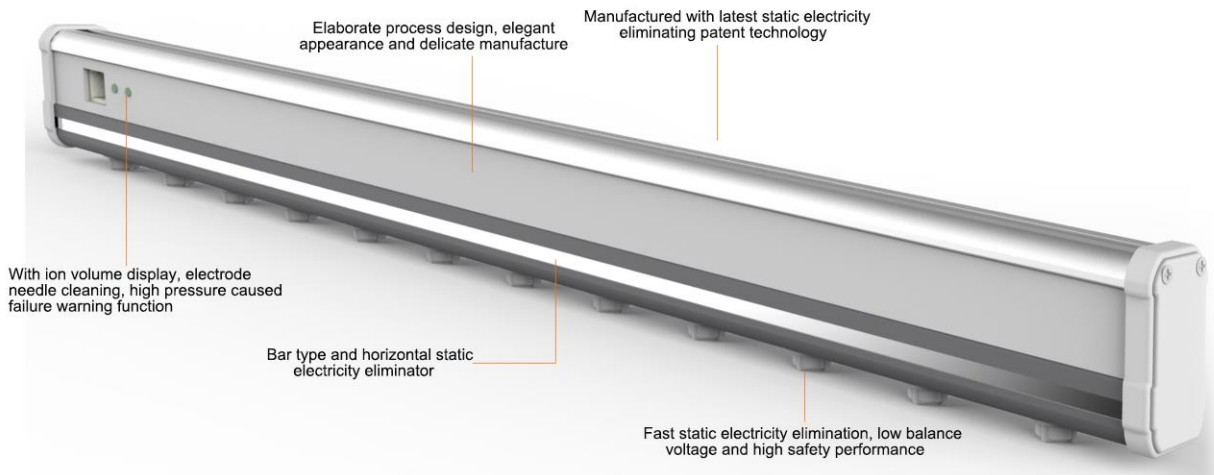


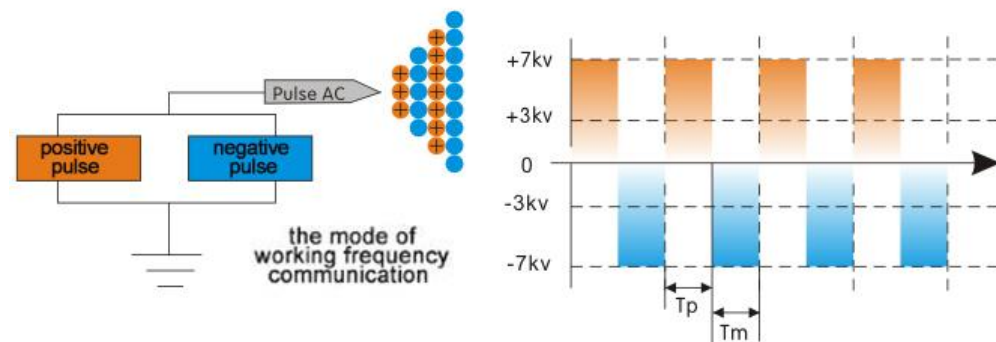
## KP504A intelligent ion bar



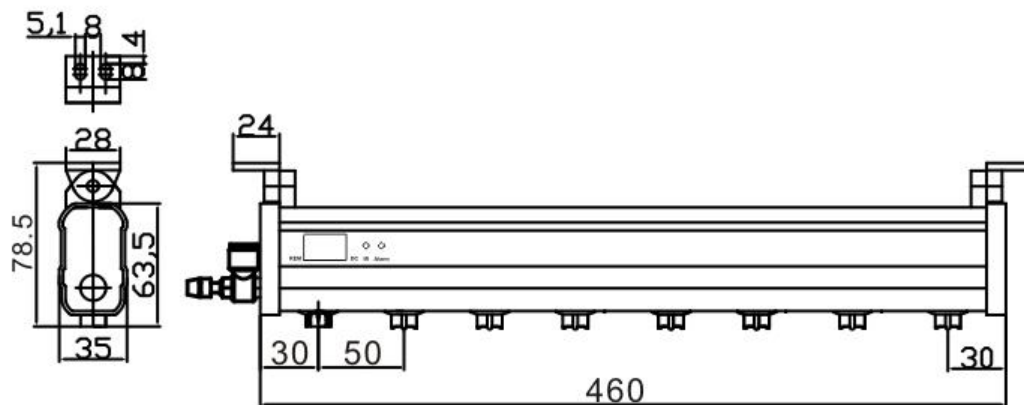
### FEATURES

- 1.Bar type and horizontal static electricity eliminator.
- 2.Fast static electricity elimination, low balance voltage and high safety performance.
- 3.With high voltage fault alarm and prompt function
- 4.With anti-electric shock function, to prevent the human body hurt from electric shock.
- 5.With electromagnetic protection function, causing no electromagnetic interference to other devices which may make them unable to work properly.

### OPERATION MODE



### OUTLINE DIMENSIONAL DRAWING



## SPECIFICATIONS

Input voltage	DC 24V
Output voltage	DC $\pm 5$ KV
Output frequency	30Hz (default)
Power	10W
Working distance	100—1000mm
Ion balance	$\leq  \pm 30V $ (AVE)
Power consumption time	$\leq 2S$
Working temperature	0℃-50℃
Working humidity	<70%
Airflow pressure	$\leq 0.6$ MPa
Length of power cable	1.8M
Length of bar	385-410mm (distance 25mm) ; 460-2960 (distance 50mm)

## TEST RESULT

Testing condition		
Humidity: $\leq 60\%$ Testing voltage: 1KV-100V      Temperature: 22℃		
Distance		300mm
Decay time	Positive	0.6s
	Negative	0.3s
Offset voltage		$\leq  \pm 20V $

\* The test result by ME268A comprehensive electrostatic tester shall prevail.

\* Test according to IEC - 61340-5-1 A 6.

\* Test data may change with the surrounding temperature and humidity.

## **SAFETY**

- 1、 Please carefully read this instruction before installing and using this equipment.
- 2、 During the use of the whole set of equipment, it is necessary to ground it reliably, or the bar will be easy to burn down.
- 3、 It is forbidden to touch the electrode needle during the operation of ion bar.
- 4、 It is improper to use such equipment when the humidity environment is greater than 70%.
- 5、 The air source connected with ion bar must be clean air with filtration of water, grease and dust.
- 6、 It is forbidden to use such equipment under the flammable and explosive environment.
- 7、 Internal maintenance and repairmen must be carried out by professional personnel.

## **INSTALLATION WAY**

