



## AP-AB1108 AIR SOURCE AC ELECTROSHOCK-PROOF ION BAR



### General

AP-AB1108 ion bar is the bar shape static eliminator developed by Shanghai Anping Static Technology Co.,Ltd.

AP-AB1108 Air Source AC Electroshock-proof Ion Bar

AP-AB1108 Air Source

AC Electroshock-proof Ion Bar

AP-AB1108 ion bar generates positive and negative ion on emitter by AC high voltage and transfer the ion by pressed air to the object surface to be static removed. Thus neutralize the ion on the object surface and eliminate static efficiently and reliably. .

It is widely used in electronics, plastics, chemicals, printing, textile, optical and other industries.

#### Industry Application

Can be used in electronics, plastics, chemicals, printing, textile, optical and other industries.

#### Product Feature

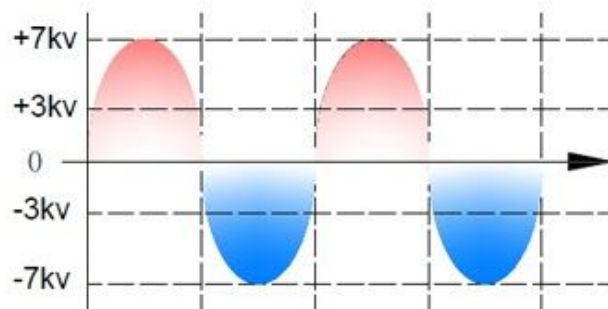
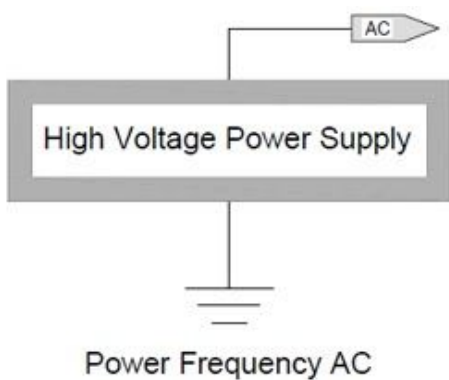
- (1) Bar shaped and cross over static eliminator
- (2) Compact structure and elegant appearance
- (3) Working under high voltage and micro current ( $\mu\text{A}$  level)
- (4) Electroshock-proof function
- (5) Stripe shaped notch on the back of the bar for user to fasten the bar

#### Specification

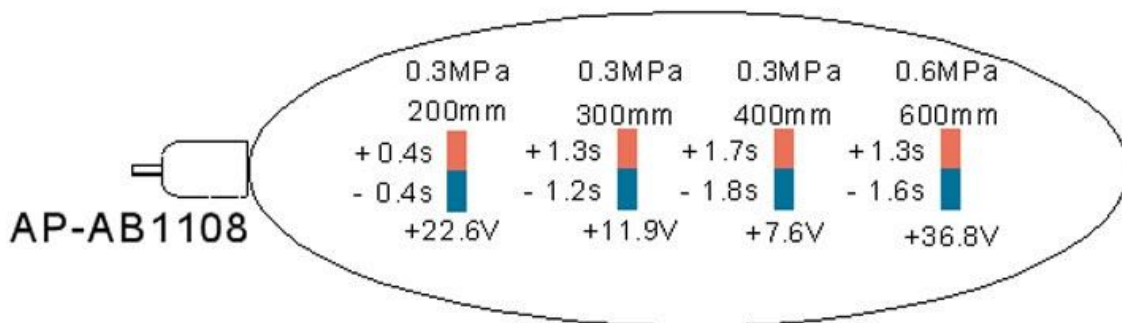
Model	AP-AB1108
Working voltage	AC7000V
Power	20W
Working distance	50-500mm
Ion balance	$\leq \pm 50\text{V} $
Discharge speed (AVE)	$\leq 1.5\text{S}$ (working distance 300mm)
Working temperature	0°C-50°C
Working humidity	<70%
Cord length	2.5M (customized available)
Power supply	AP-AY1502/AP-AY2502
Ion Emission	Power frequency communication
Emitter Electrode	SUS
Discharge range	L*w*h (150mm-300mm)*28.6mm*38.7mm
Installation Distance	100-600mm
Airflow pressure	$\leq 0.6\text{MPA}$
Air Source Connector	8-G1/8 Black

Rod material	Flame Retardancy PVC,SUS
Installation Accessories	M5*20 Hexagon mounting bolt
High Voltage Connector	2.5 meter (customized is acceptable)
Warranty	1 year
Certificate	CE

Working Ways (AC)



Elimination Effect



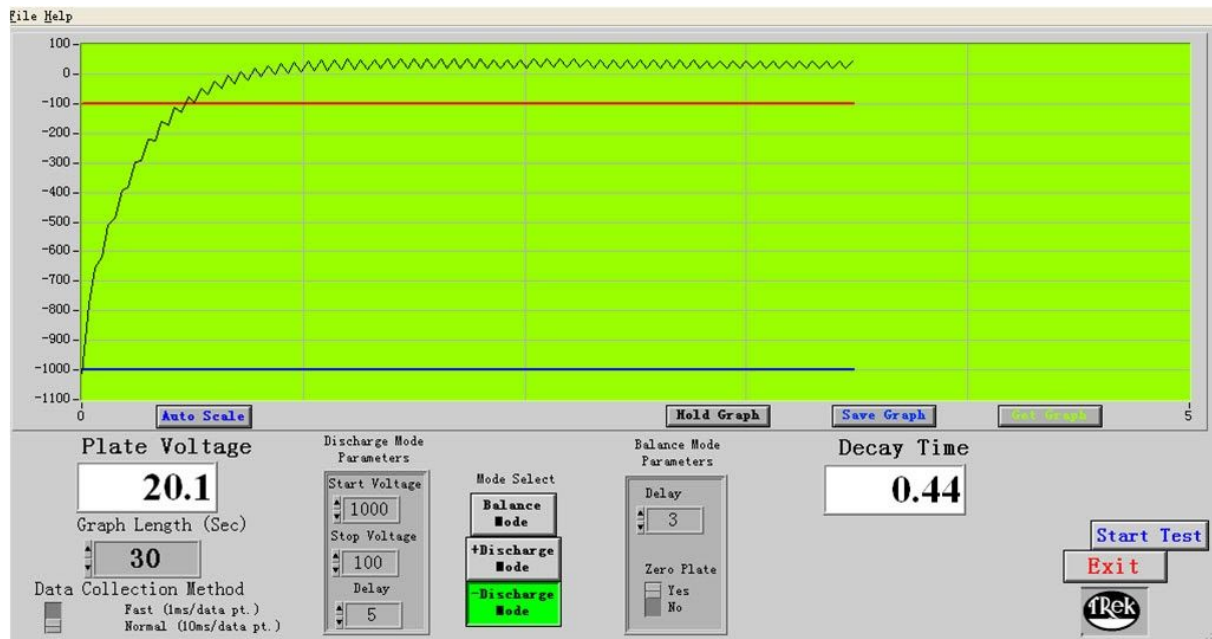
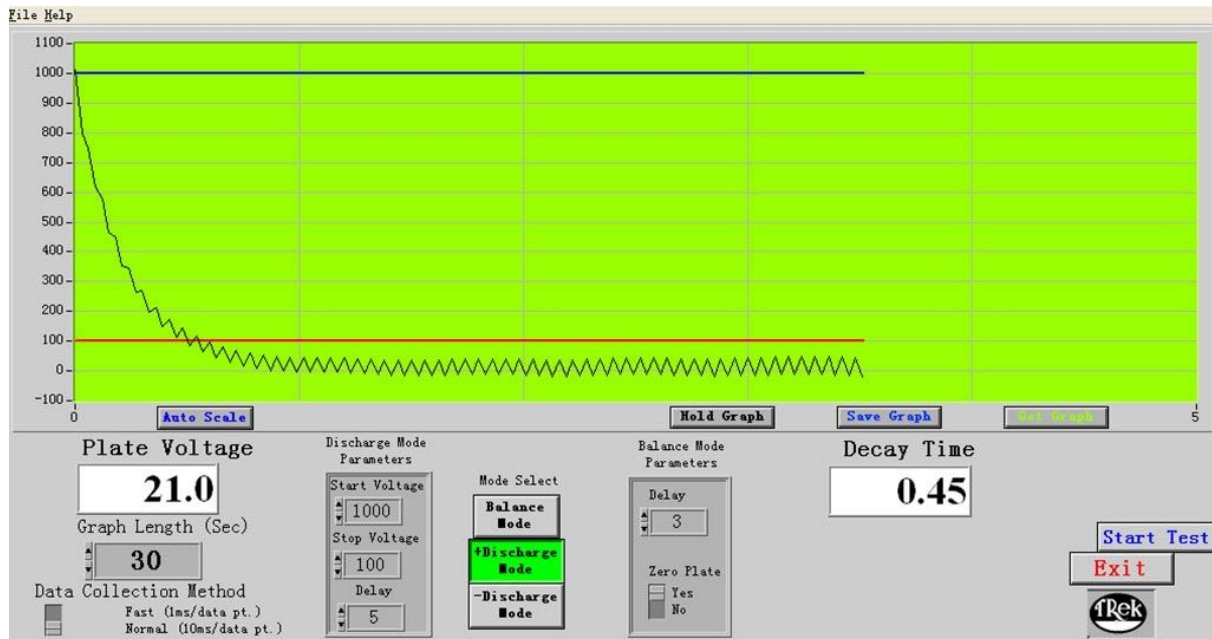
Testing instrument : 3M-711 Static tester

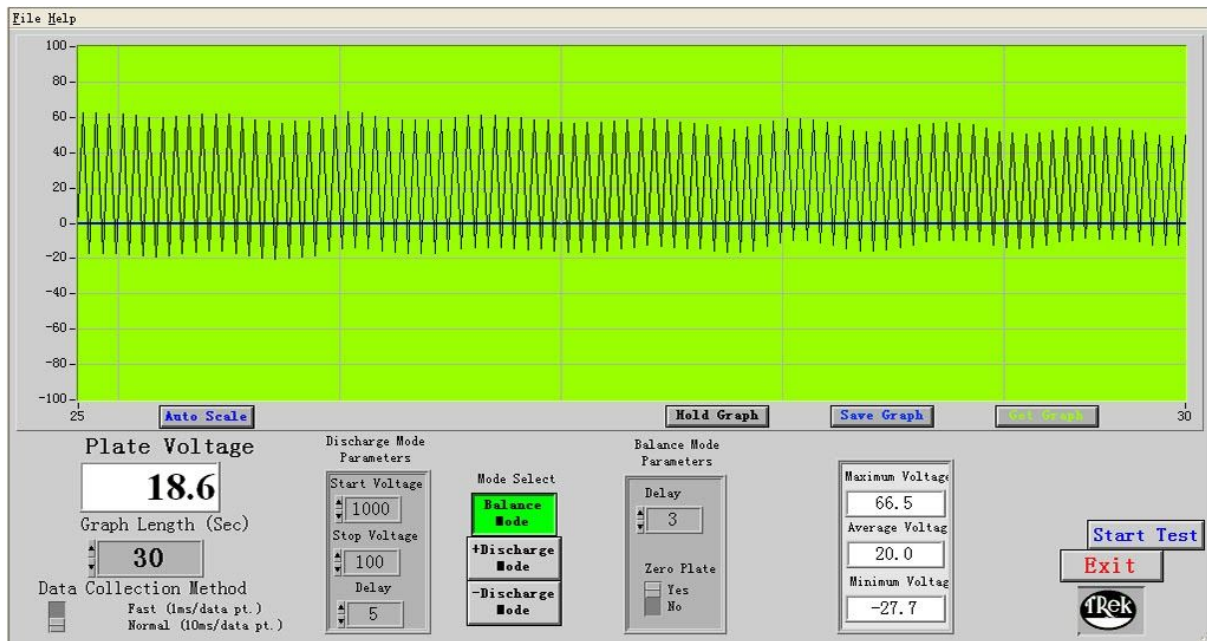
Testing standard : ESD.STM3.1-2000 ; SJ/T 11446—2013

Testing voltage : ±1000 — ±100V Attenuation

Testing environment : Humidity50±5% Temperature:23±3°C

Testing data as below (Testing distance : 300mm, Ion bar width : 350mm, Airflow 0.3MPa) :





Test standard : ANSI/ESD.STM3.1, ANSI/ESD.SP3.3, SJ/T 11446—2013

Test Device : Trek157 static detector

Test Voltage :  $\pm 1000\text{V} \rightarrow \pm 100\text{V}$  attenuation

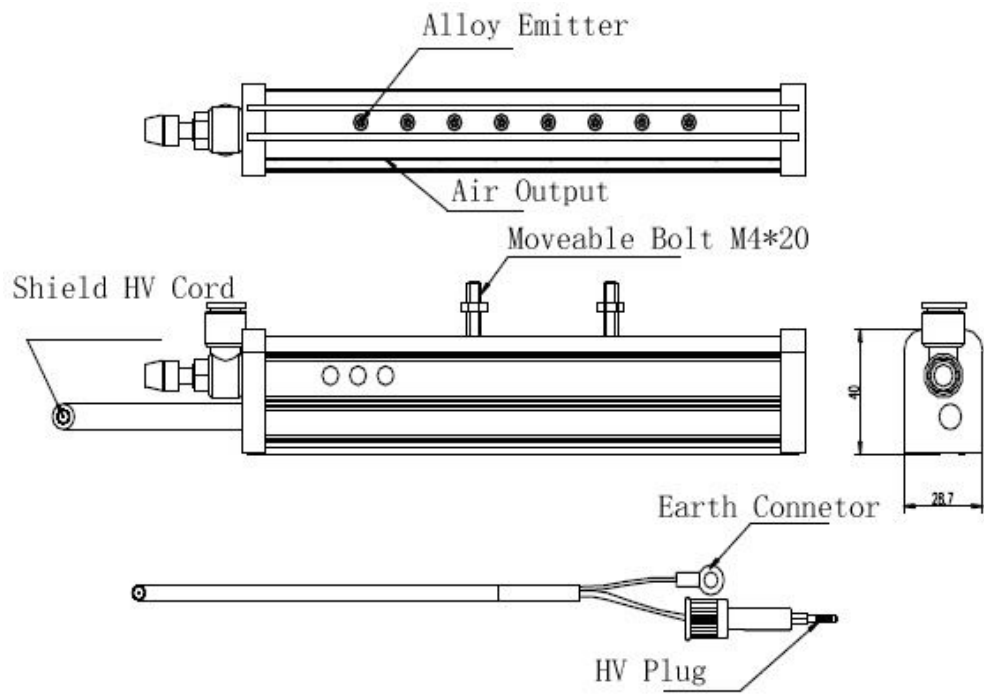
Test environment : Humidity  $50 \pm 5\%$  ; Temperature  $23 \pm 3^\circ\text{C}$

Use and Installation

1. Installation guide

- (1) Choose an optimal position and fix the ion bar and power supply tightly.
- (2) Insert the HV plug on the bar body into the HV output connection on power supply.
- (3) Connect the ground end on the bar body to the ground bolt on the power.
- (4) Switch on the power.

2. Outline dimensional drawing



### 3.Positioning

