



## AP-AB1205 AC ELECTROSHOCK-PROOF ION BAR



### General

AP-AB1205 AC electroshock-proof ion bar is the bar shape static eliminator used to remove electrostatic on object surface.

AP - AB1205 AC electroshock-proof ion bar generates positive and negative ion on emitter by AC high voltage and transfer the ion to the object surface to be static removed. Thus neutralize the ion on the object surface and eliminate static efficiently and reliably.

### Product Feature

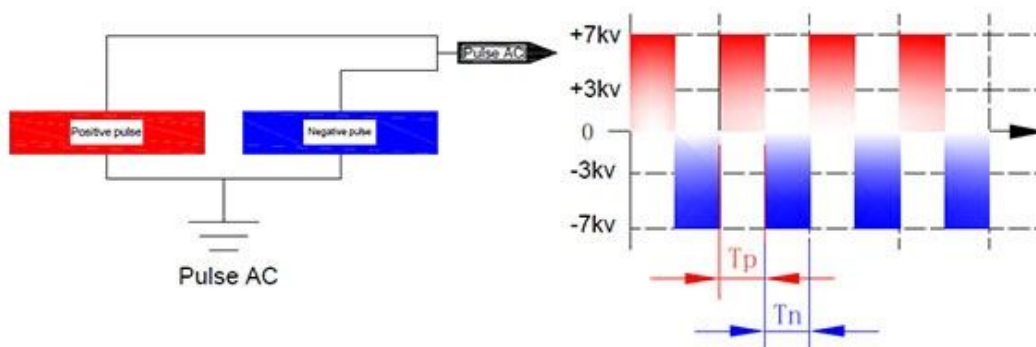
- (1) Bar shaped and cross over static eliminator
- (2) Compact structure and elegant appearance

- (3)Fast discharge speed, low ion balance and high safety performance
- (4)Abnormal high voltage alarm function
- (5)Electroshock-proof function

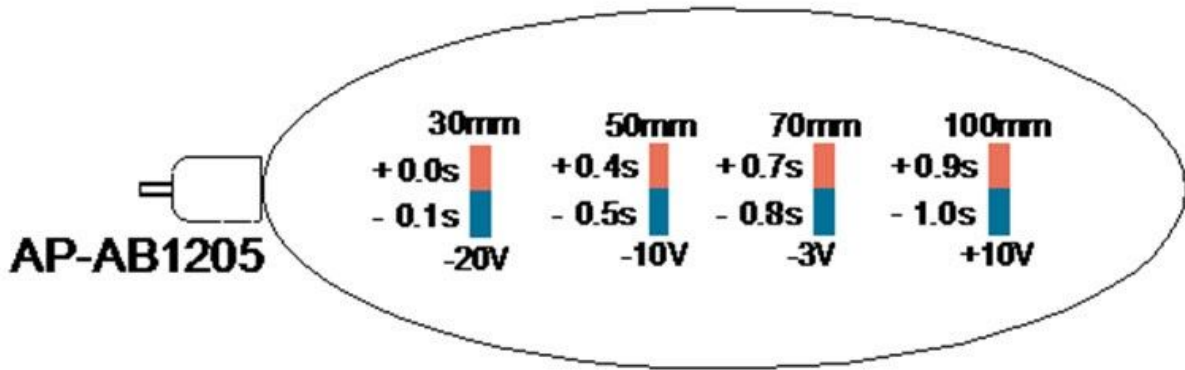
Specification

Model	AP-AB1205
Output voltage	AC±5KV
Output frequency	30Hz(default)
Duty ratio	0%—100%
Power	10W
Working distance	30—100mm
Ion balance	$\leq \pm 30V $ (AVE)
Discharge time	$\leq 2S$
Working temperature	0°C-50°C
Working humidity	<70%

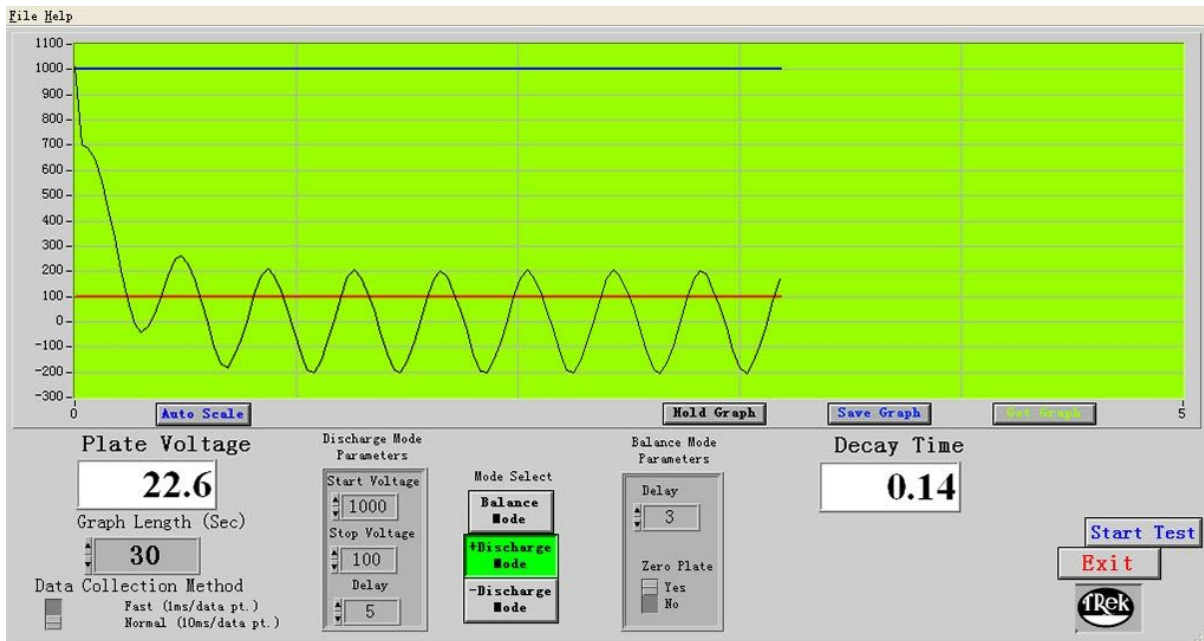
Working Ways (AC)

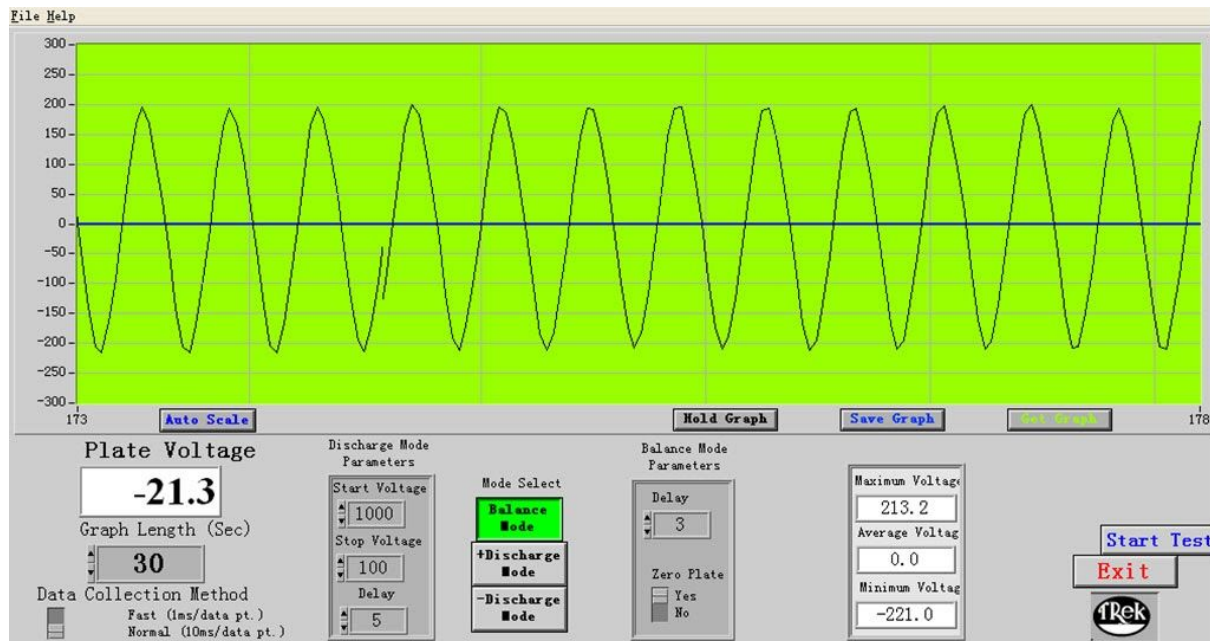
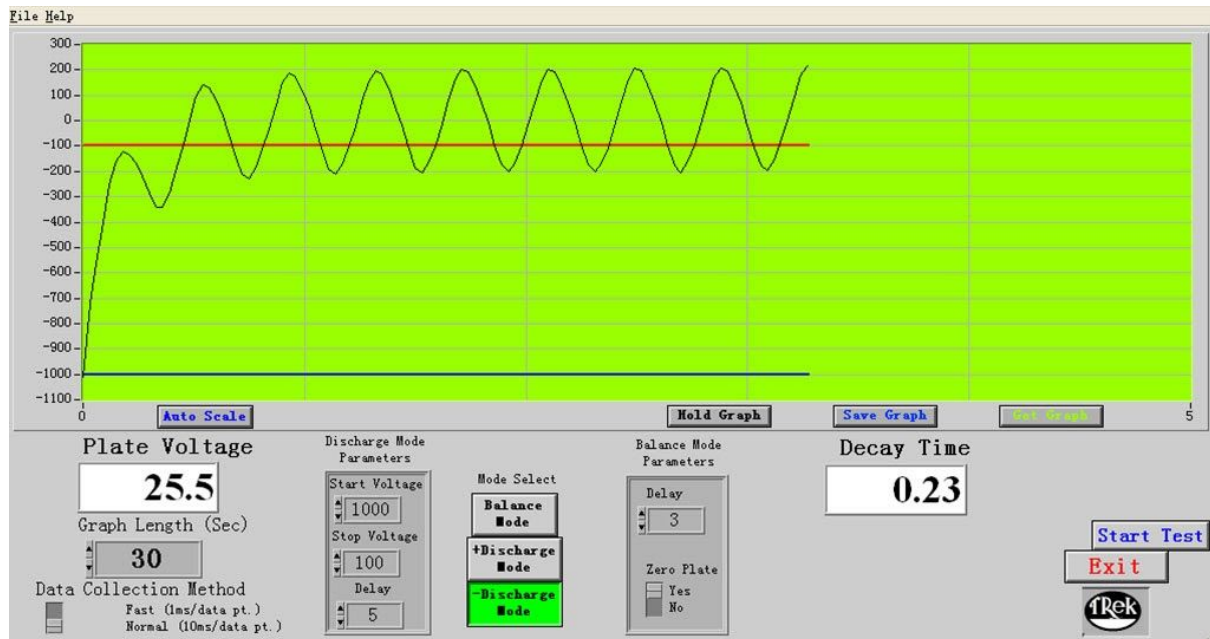


Elimination Effect



Testing data (working distance : 100mm, Ion bar width: 200mm, Frequency : 30Hz) :





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

Test device : Trek157 static meter

Test Voltage :  $\pm 1000V \rightarrow \pm 100V$

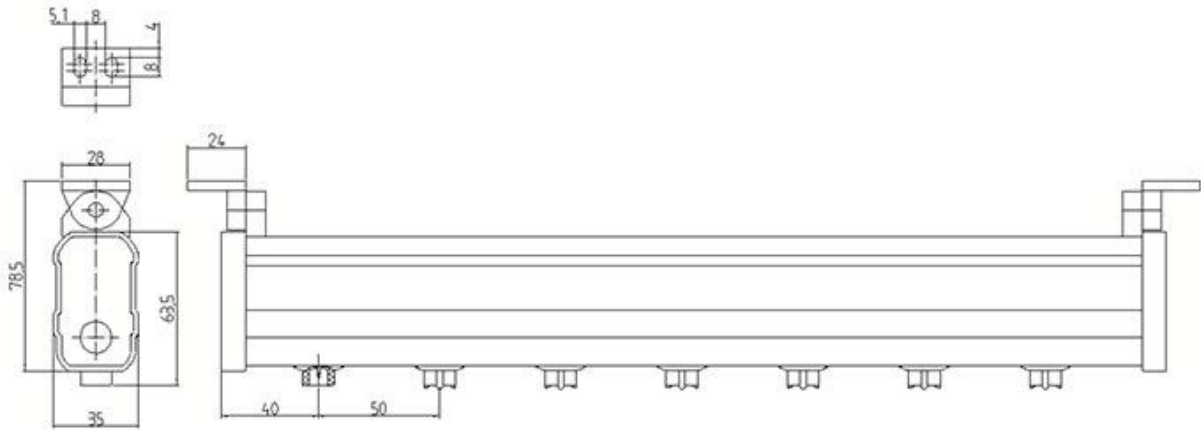
Test environment : Humidity  $50 \pm 5\%$  ; Temperature  $23 \pm 3^\circ C$

Use and Installation

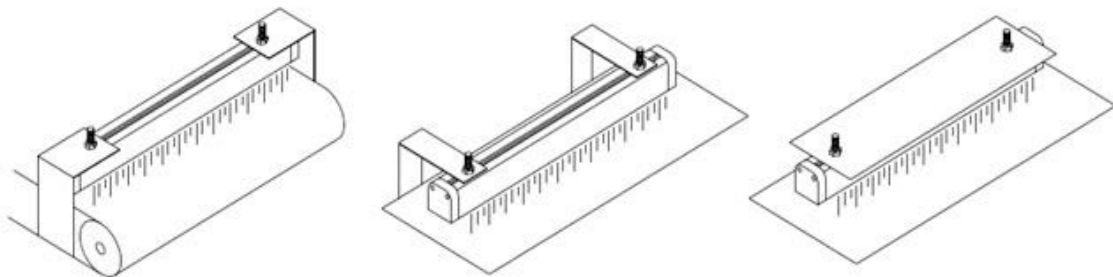
1.Installation guide

- (1)Choose an optimal position and fix the ion bar and adaptor tightly.
- (2)Connect two ends of power cable with adaptor and ion bar.
- (3)Connect the ground end on the bar body to the ground bolt on the power
- (4)Switch on the power and set proper parameters.

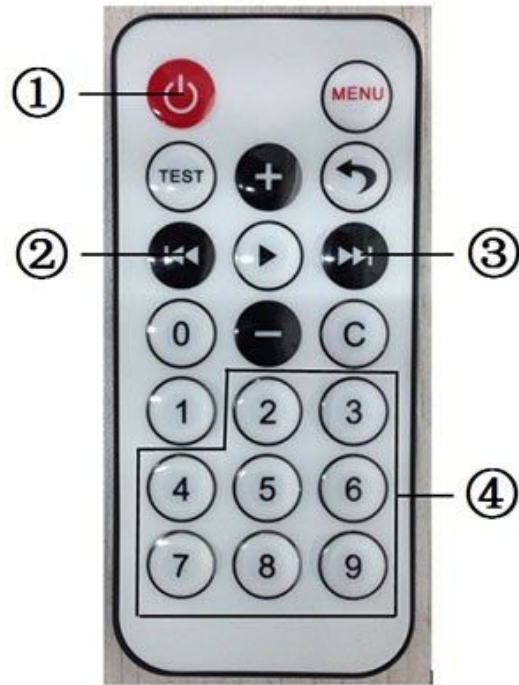
## 2. Outline dimensional drawing



## 3. Positioning



## 4. Remote Control



① On/Off ② Reduce duty ratio ③ Enlarge duty ratio ④ Frequency : 2→1Hz, 3→3Hz, 4→5 Hz, 5→8Hz, 6→10Hz, 7→20Hz, 8→30Hz, 9→50Hz