



AP-AB1206 AC Electroshock-proof Ion Bar



General

AP-AB1206 AC electroshock-proof ion bar is the bar shape static eliminator used to remove electrostatic on object surface.

AP - AB1206 AC electroshock-proof 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.

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

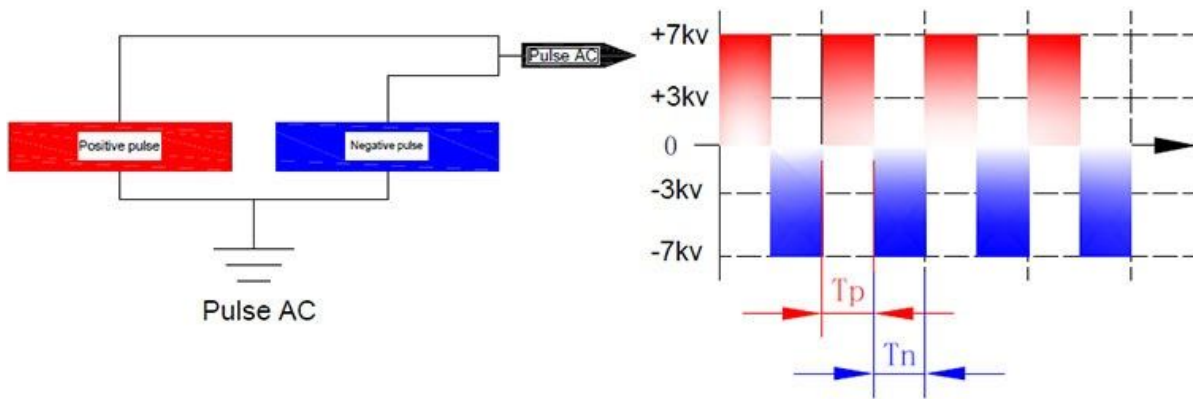
(4)Abnormal high voltage alarm function

(5)Electroshock-proof function

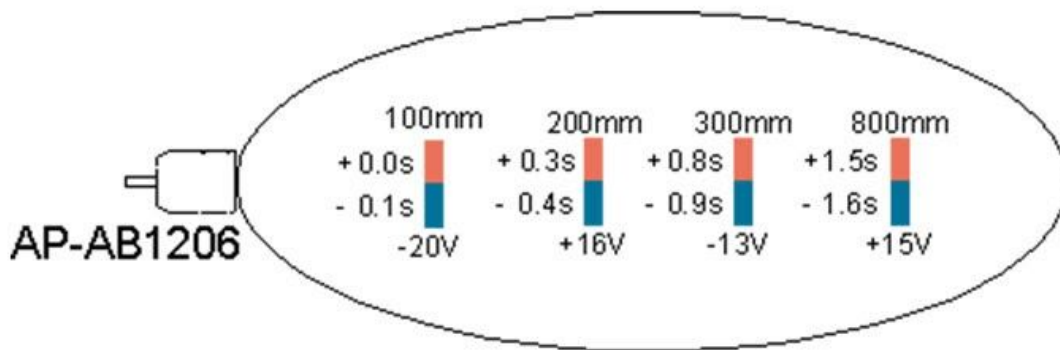
Specification

Model	AP-AB1206
Input Voltage	DC24V
Output voltage	DC±5KV
Output frequency	30Hz(default)
Duty ratio	10%—90%
Power	10W
Working distance	100—1000mm
Ion balance	$\leq \pm 30V $ (AVE)
Discharge time	$\leq 2S$
Working temperature	0°C-50°C
Working humidity	<70%
Ion bar width	210-410mm(spacing25mm);460-2960mm(spacing50mm)

Working Ways (AC)



Elimination Effect



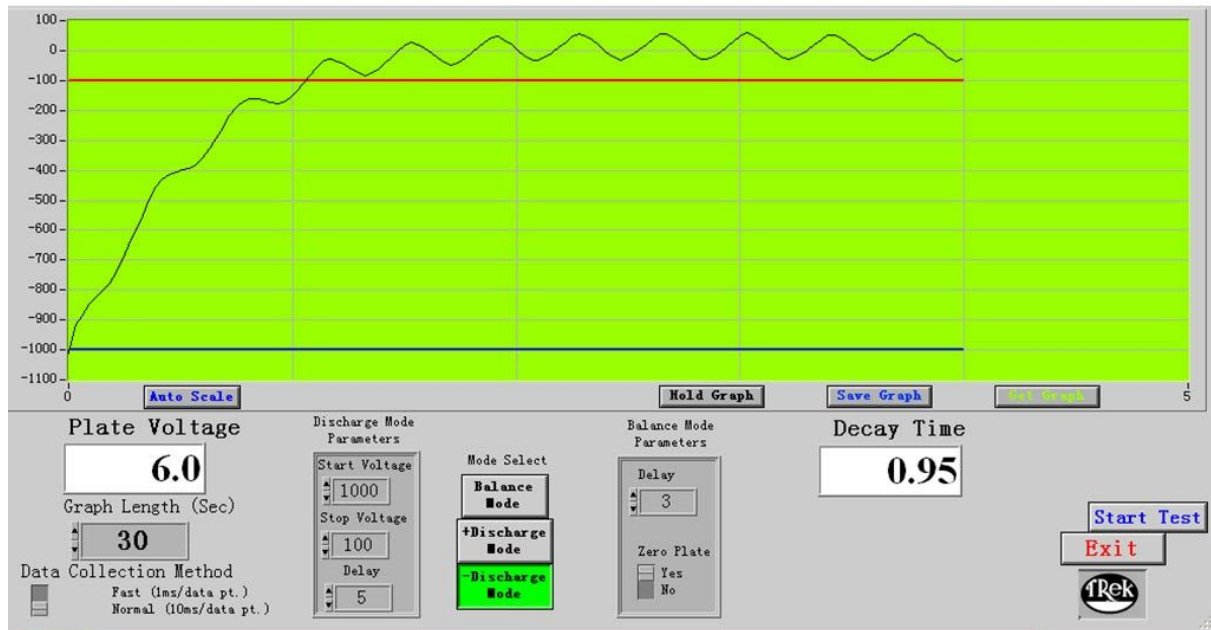
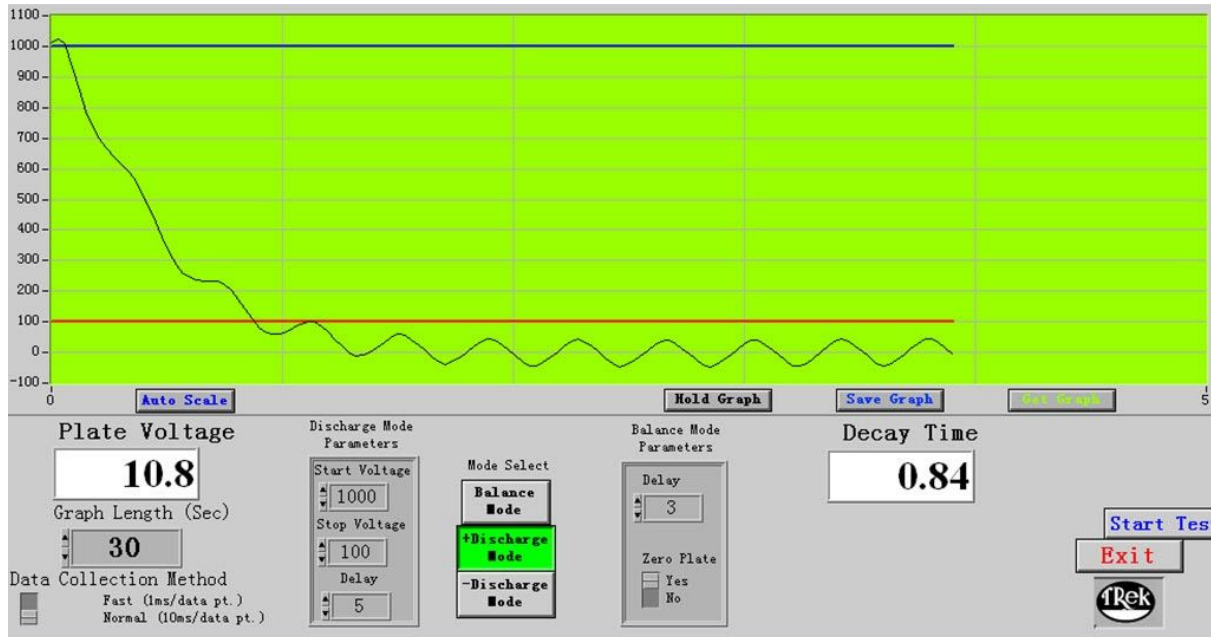
Testing instrument : 3M-711 Static tester

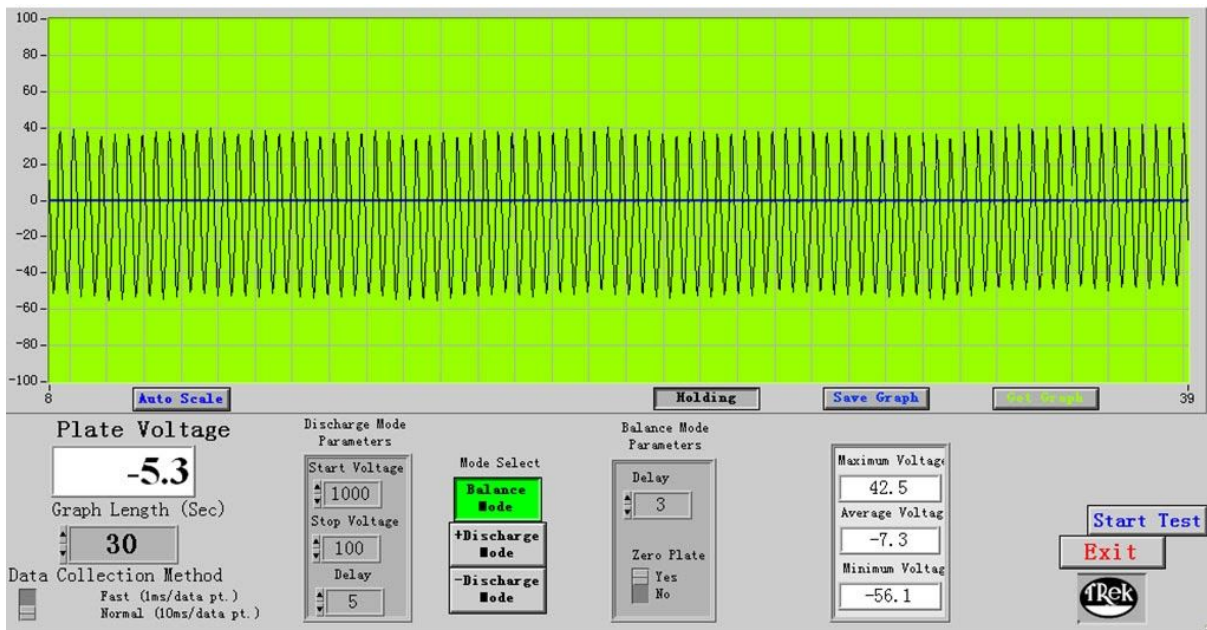
Testing standard : ESD.STM3.1-2000 ; SJ/T 11446—2013

Testing voltage : ± 1000 — $\pm 100V$ Attenuation

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

Testing data as below((Test distance: 300mm, Ion bar width: 880mm, Airflow: 0.3Mpa, Frequency: 30Hz) :





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

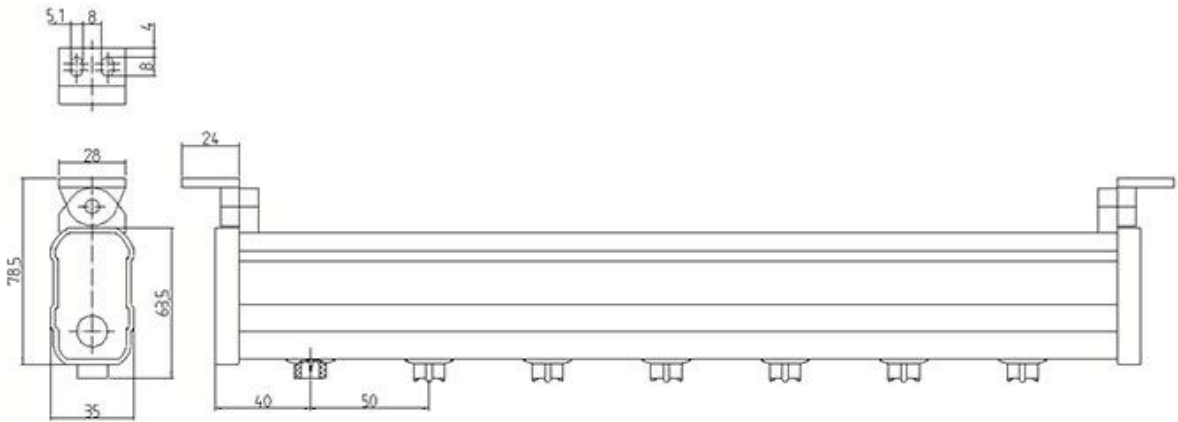
Test environment : Humidity $50 \pm 5\%$; Temperature $23 \pm 3^\circ\text{C}$

Use and Installation

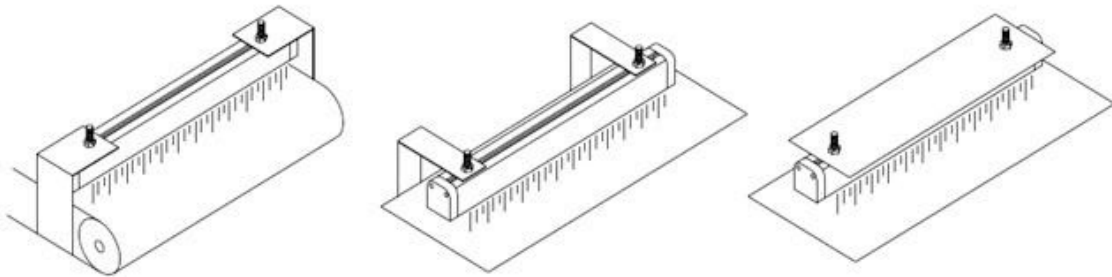
1.Installation guide

- (1)Choose an optimal position and fix the ion bar and 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.

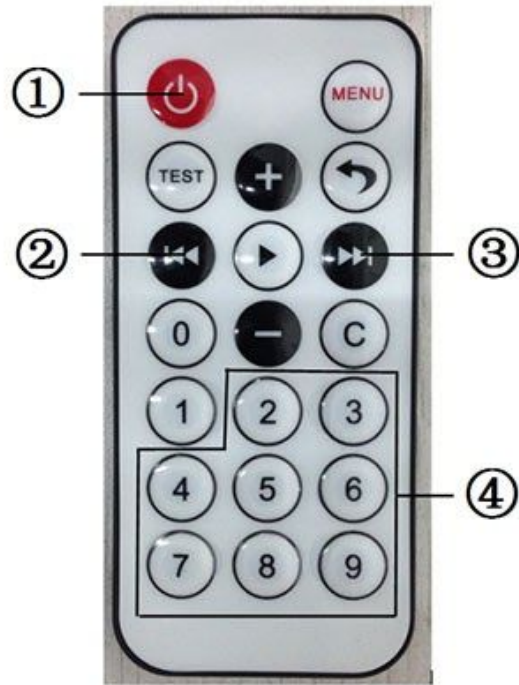
2.Outline dimensional drawing



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