

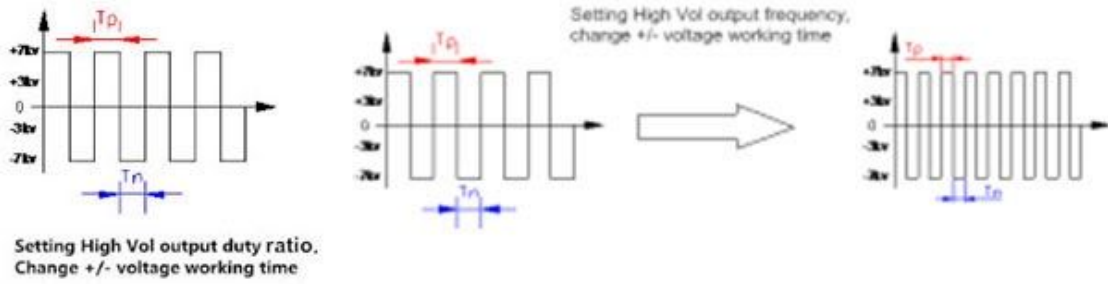


AP-AB1207 Air Source AC Pulse Ion Bar



Product Feature

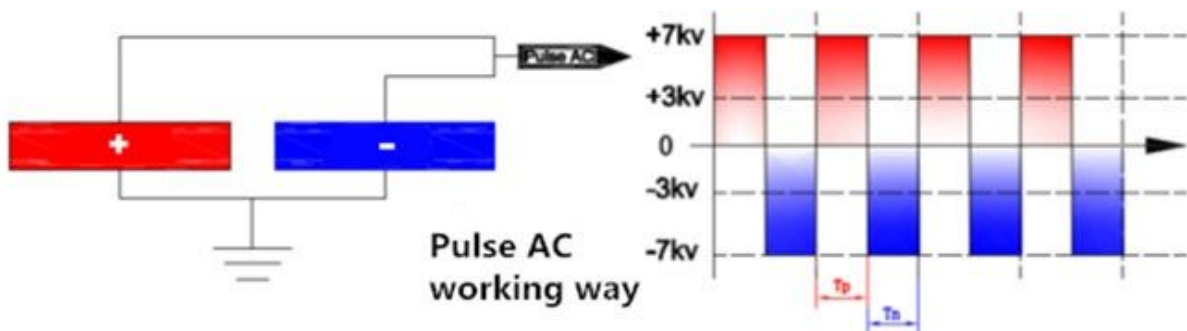
- 1.Bar shaped and cross over static eliminator
- 2.Adjustable positive and negative ion output rate
- 3.Manufactured by using the latest patented technology of static removing
- 4.Fast speed of static removing, low ion balance and high safety
- 5.Adjustable positive and negative ion frequency
- 6.With alarm function of high voltage fault
- 7.Remote control ion output
- 8.Shock-proof function prevent user from being electric shocked
- 9.Support integrate control ,easy to operate.

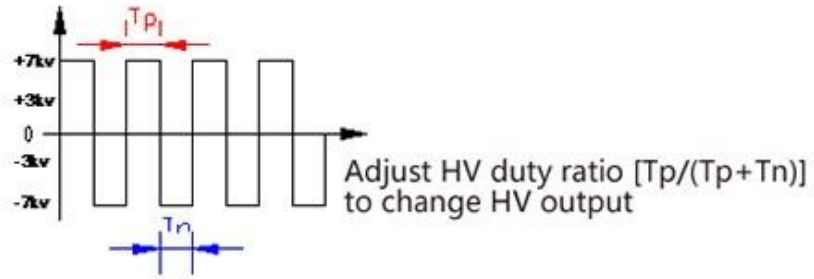


Specification

Model	AP-AB1207
Output voltage	DC±5.00(KV)
Output frequency	5, 30Hz (default)
Duty factor	10%-90%
Power	10W
Working distance	100—1000mm
Ion balance	≤ ±30V (AVE)
Discharge time	≤1S
Working temperature	0°C-50°C
Working humidity	<70%

Working Ways (AC)





Static on object surface
Case 1



Reduce T_p to generate less positive ion and more negative ion and neutralize the redundant positive ion on object surface.

Static on object surface
Case 2



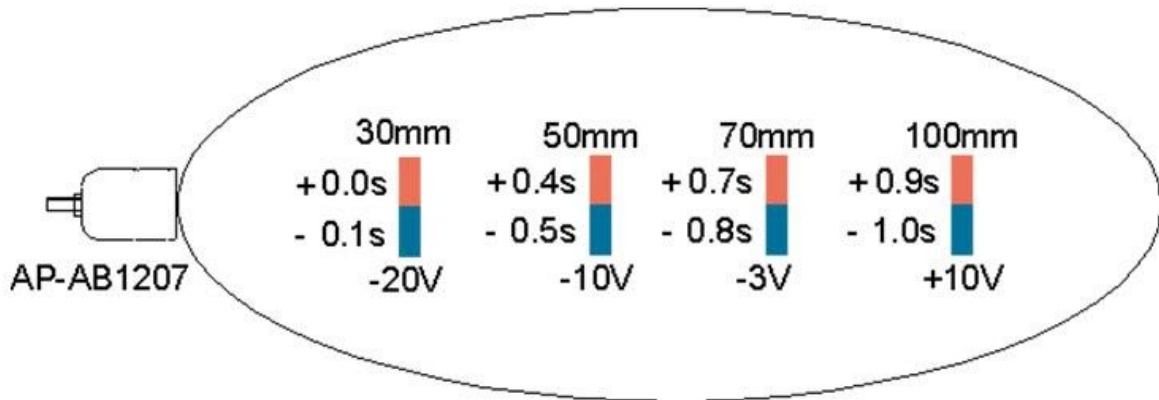
Increase T_p to generate more positive ion and less negative ion and neutralize the redundant negative ion on object surface.

Static on object surface
Case 3



Adjust $[T_p/(T_p+T_n)]$ proper setting to generate equal quantity of positive and negative ions and neutralize the static on object surface.

Elimination Effect



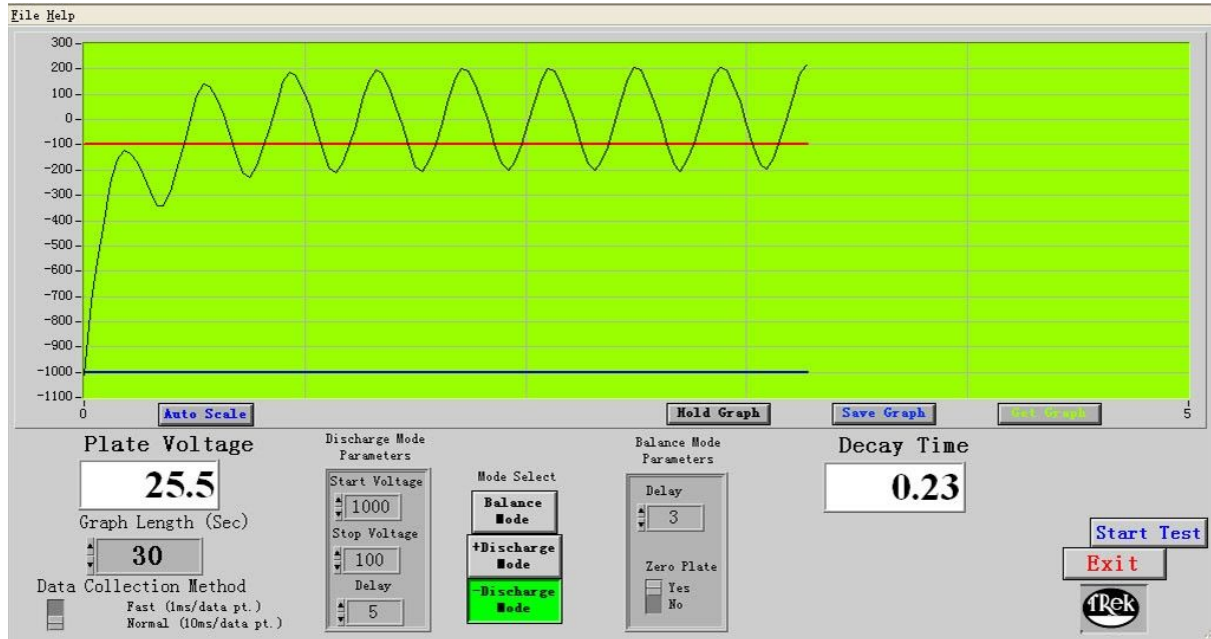
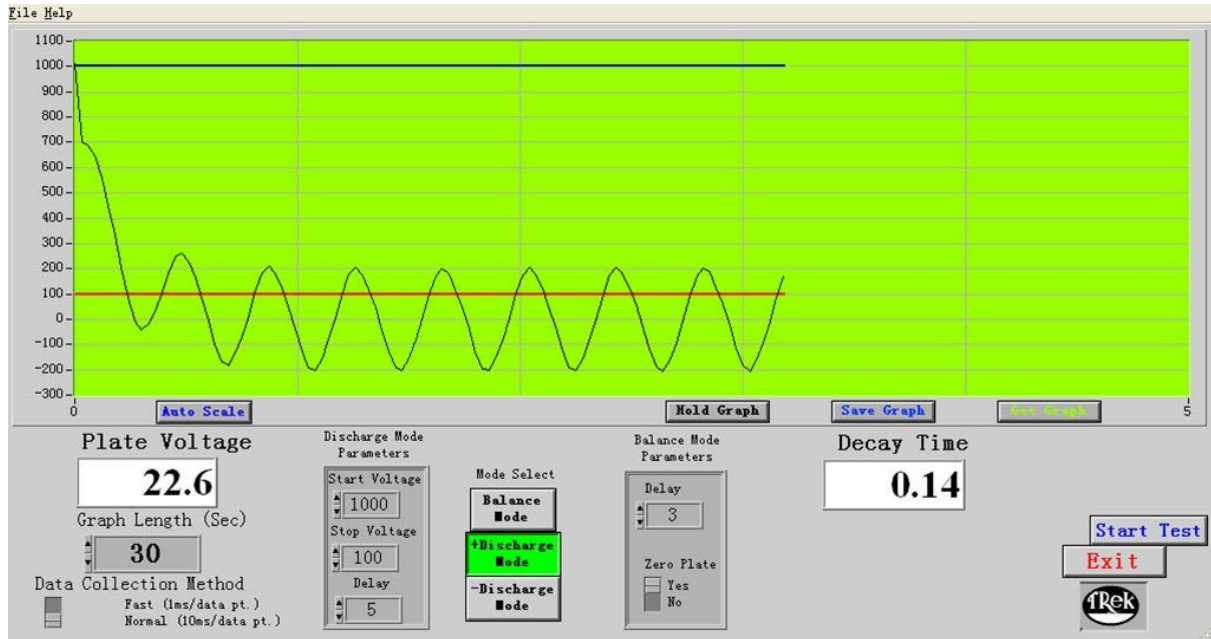
Testing instrument : 3M-711 Static tester

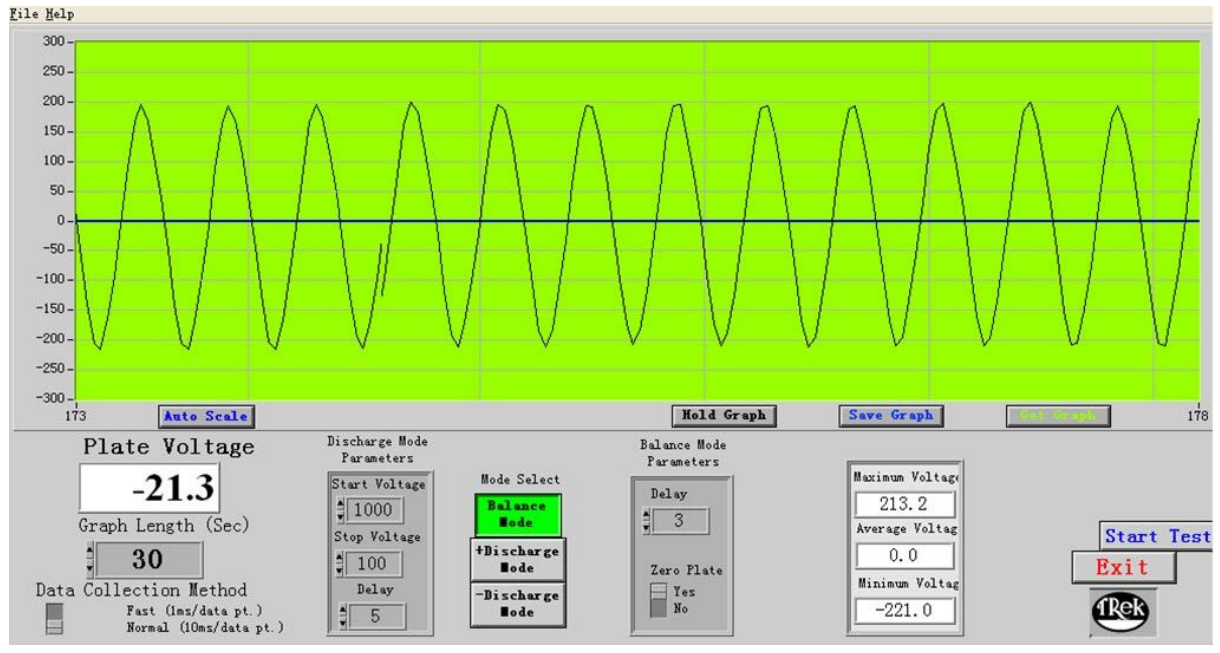
Testing standard : ESD.STM3.1-2000 ; SJ/T 11446—2013

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

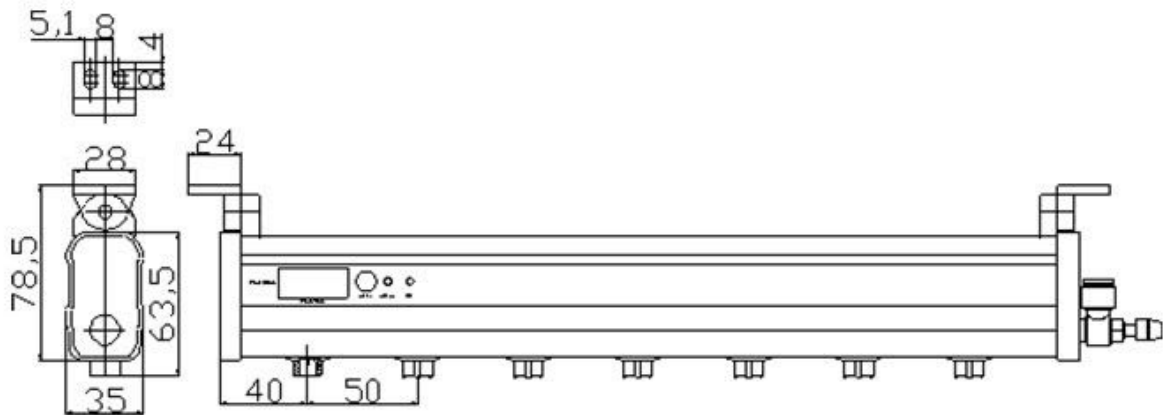
Testing environment : Humidity $50 \pm 5\%$ Temperature: 23 ± 3

Testing data as below (Testing distance:100mm, Frequency:30Hz) :

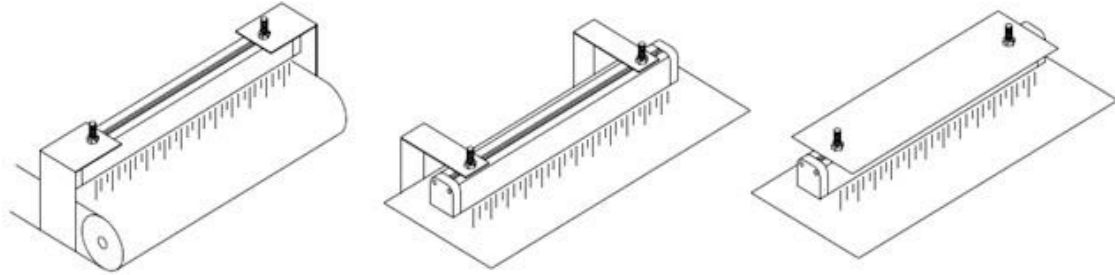




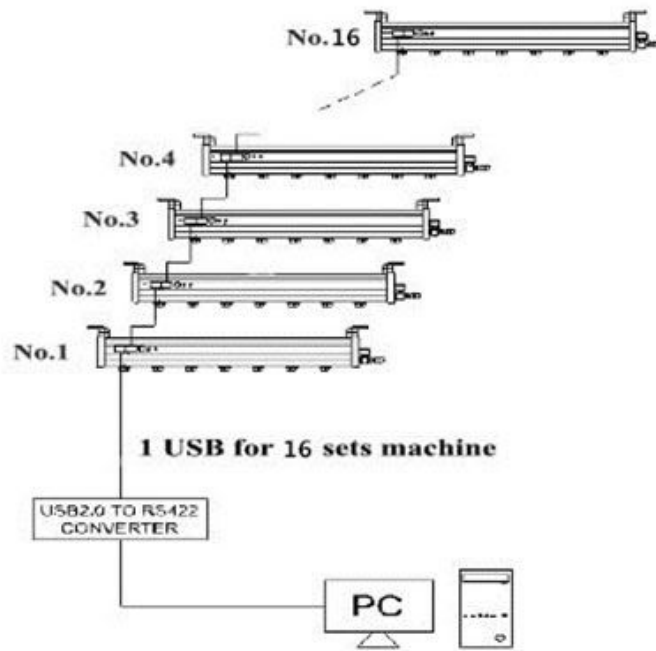
Outline Dimensional Drawing



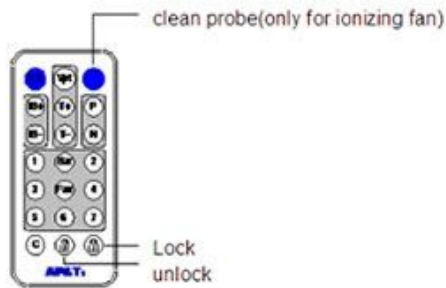
Positioning



Integrate Control Outline



Remote Controller



- 1."R/S": start/standby
- 2."IB+":Increase duty ready;"IB-":Decrease duty ratio ;
- 3."Vpt":Static sensor detector value setting;"Vpt"+"T+":increase value;"Vpt"+"T-"decrease value
- 4."T+":Increase cleaning cycle;"T-" decrease cleaning cycle;
- 5."P":Only positive voltage work;"N" Only Negative voltage work;
- 6."Bar"+"1":Set ion bar working frequency 1Hz;"Bar"+"2" Set ion bar working frequency 3Hz;
 ."Bar"+"3"Set ion bar working frequency 5Hz;"Bar"+"4"Set ion bar working frequency 10Hz;
 ."Bar"+"5"Set ion bar working frequency 20Hz;"Bar"+"6"Set ion bar working frequency 30Hz;
 ."Bar"+"7"Set ion bar working frequency 50Hz;
- 7."Fan"+"1": set ion fan working frequency 3Hz;"Fan"+"2": set ion fan working frequency 5Hz;
 "Fan"+"3": set ion fan working frequency 8Hz;"Fan"+"4": set ion fan working frequency 10Hz;
 "Fan"+"5": set ion fan working frequency 20Hz;"Fan"+"6": set ion fan working frequency 30Hz;
 "Fan"+"7": set ion fan working frequency 50Hz;
- 8."C":Reset