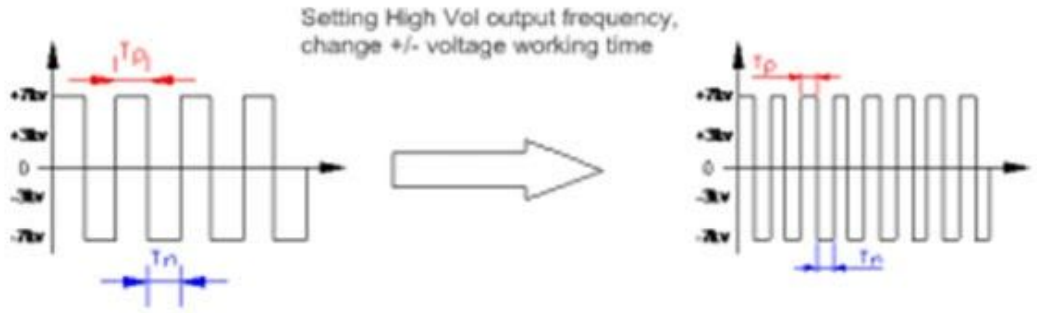
AP-AB1215 None Air Source AC Pulse Ion Bar

Product Feature

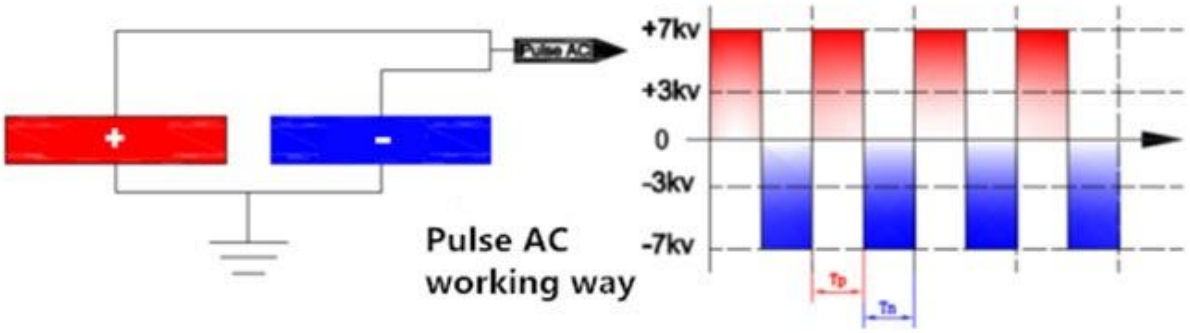
1.Bar shaped and cross over static eliminator
2.Adjustable positive and negative ion output rate
3.Manufactured by using the latest patented technology of static removing
4.Fast speed of static removing, low ion balance and high safety
5.Adjustable positive and negative ion frequency
6.With alarm function 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.



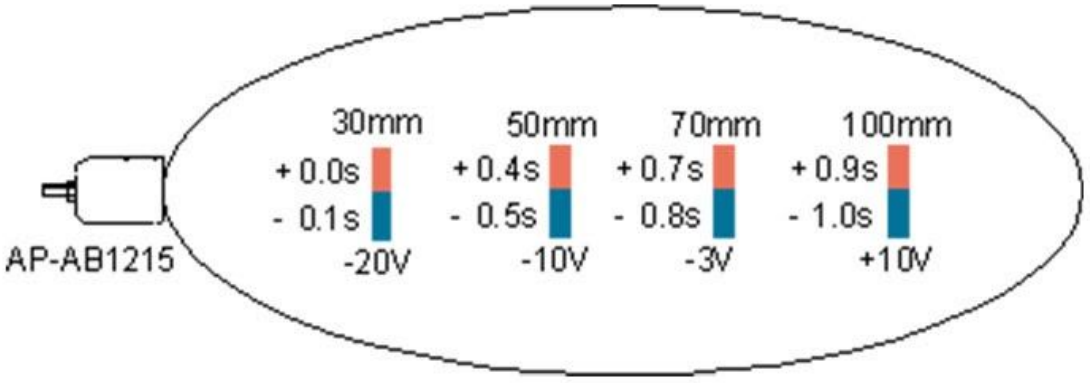
Specification

Model	AP-AB1215
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℃-50℃
Working humidity	＜70%
Bar Width	335-410mm（spacing 25mm）；460-2960（Spacing 50mm)
Note	USD12.0 Per additional 100mm

Working Ways (AC)

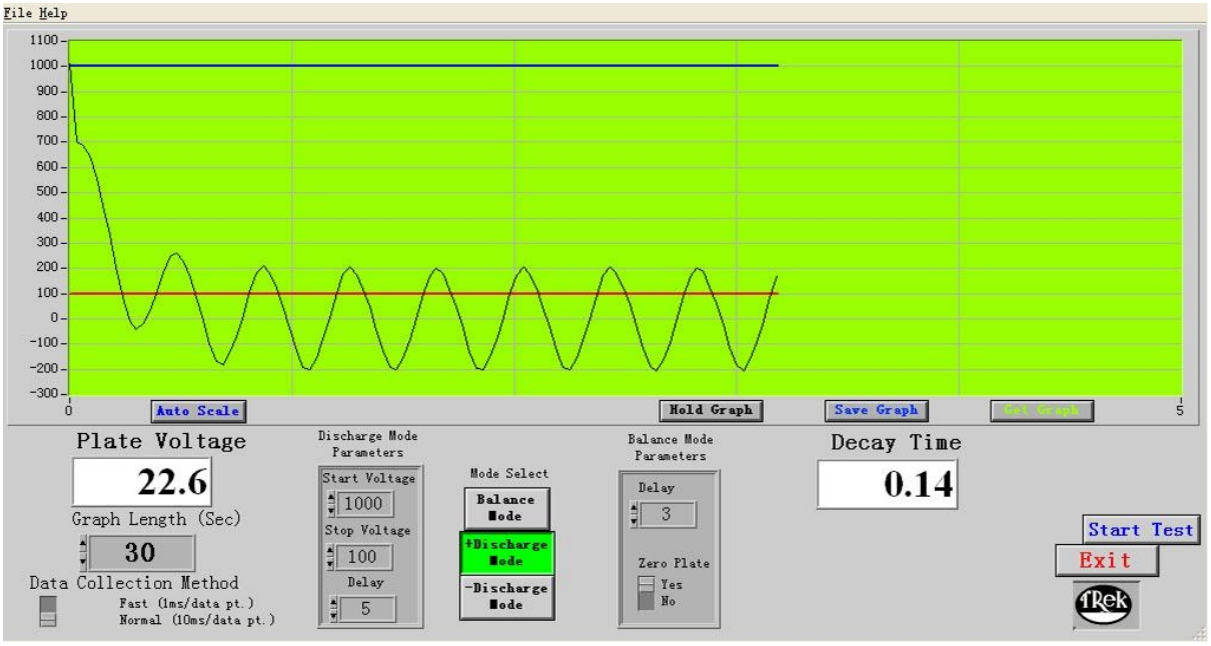


Elimination Effect

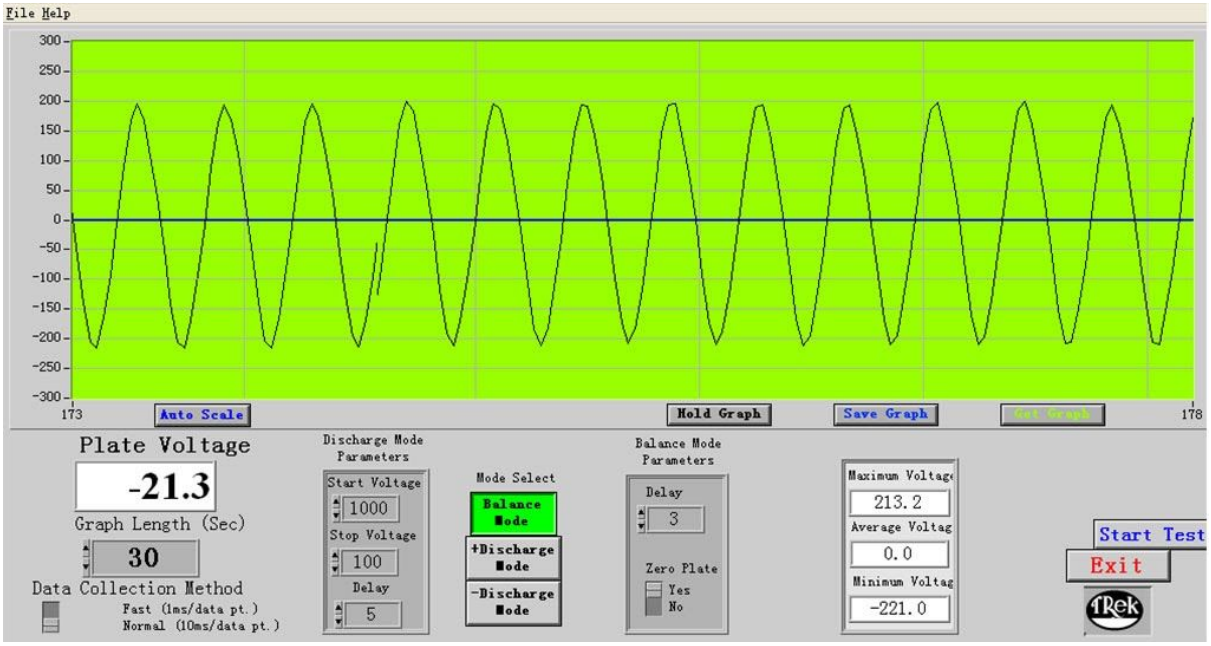


Testing instrument ：3M-711 Static tester
Testing standard：ESD.STM3.1-2000；SJ/T 11446—2013
Testing voltage ：±1000 — ±100V Attenuation
Testing environment ：Humidity50±5% Temperature:23±3℃

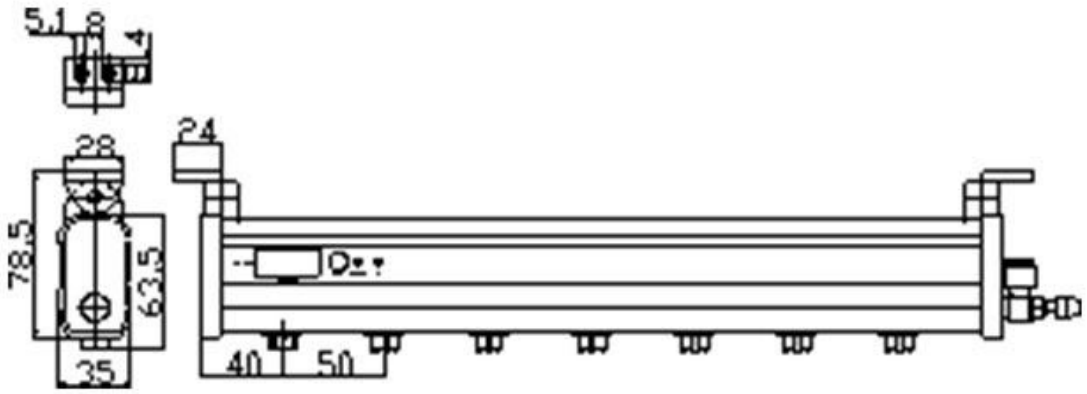
Testing data as below（Testing distance:100mm,Ion bar width;200mm,Frequency:30Hz）：


File Help
1100
1000
900
800
700
600
500
400
300
200
100
0
-100
-200
-300
0
Auto Scale
Hold Graph
Save Graph
Get Graph
5
Plate Voltage
22.6
Graph Length (Sec)
30
Data Collection Method
Fast (1ms/data pt.)
Normal (10ms/data pt.)
Discharge Mode Parameters
Start Voltage
1000
Stop Voltage
100
Delay
5
Mode Select
Balance Mode
+Discharge Mode
-Discharge Mode
Balance Mode Parameters
Delay
3
Zero Plate
Yes
No
Decay Time
0.14
Start Test
Exit
IRek

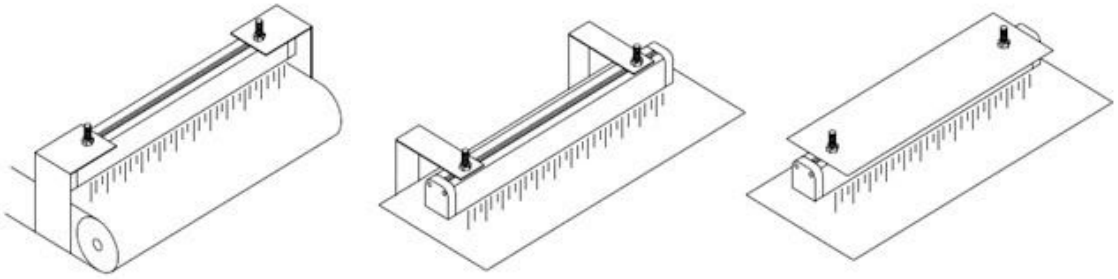
File Help
300
200
100
0
-100
-200
-300
-400
-500
-600
-700
-800
-900
-1000
-1100
0
Auto Scale
Hold Graph
Save Graph
Get Graph
5
Plate Voltage
25.5
Graph Length (Sec)
30
Data Collection Method
Fast (1ms/data pt.)
Normal (10ms/data pt.)
Discharge Mode Parameters
Start Voltage
1000
Stop Voltage
100
Delay
5
Mode Select
Balance Mode
+Discharge Mode
-Discharge Mode
Balance Mode Parameters
Delay
3
Zero Plate
Yes
No
Decay Time
0.23
Start Test
Exit
IRek



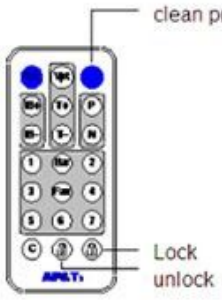
Test standard：ANSI/ESD.STM3.1， ANSI/ESD.SP3.3， SJ/T 11446—2013
Test Device：Trek157 static detector
Test Voltage：±1000V → ±100V attenuation
Test environment：Humidity 50±5%；Temperature23±3℃
Use and Installation
1.Outline dimensional drawing



2.Positioning



3.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