

# AP-DC2451-001

## Self-cleaning Desktop Ionizing Air Blower

### ◆ Product introduction

AP-DC2451-001 ionizing air blower adopts positive and negative synchronous emission electrodes to generate corona discharge through DC high voltage to ionize air molecules and generate a large number of positive and negative air ions, which are blown to the surface of the object to be eliminated by the fan for electrostatic elimination.

### ◆ Industry application

Suitable for electronics, optoelectronics, semiconductor and other industries.



### ◆ Specifications

Model	AP-DC2451-001		
Input voltage	15V	Ozone thickness	≤ 0.05ppm (150mm away from the air outlet)
Power	9W	Ion balance	≤ ±10V(300mm away from the air outlet)
Working voltage	±DC4000-DC7000V	Alarm indicator	The power indicator light on indicates working normally
Ion emission	Steady-state DC	Discharge structure	Uncoupled electrical contact (discharge cylinder)
Emitter electrode	Tungsten Alloy	Shell material	Aluminum powder spray
Discharge range	750*300mm (L*W)	Power adapter	INPUT:AC100-240V 50/60Hz; OUTPUT:DC12V 1000mA
Discharge speed	≤ 2s(300mm away from the air outlet)	Packaging accessories	1 pair of U-shaped aluminum spray powder mounting bracket, 1 pair of bakelite screw handles (M6*12)
Working temperature	0-50°C	Net weight	350g (Fan body, including mounting bracket and screw handle)
Working humidity	30-70%RH	Gross weight	1980g
Dimensions(L*W*H)	140*55*185mm(Blower body size)	Warranty	1Year
Air volume	≤ 89.1CFM	Certification	CE
Noise	≤ 43db(1m away from the air outlet)		

### ◆ Features



**Standard tungsten alloy needle**  
Longer life time compare to titanium and silicon materials.



**Automatic needle brushing function**  
when start up. By default, the needle is automatically brushed every 8 hours for manual cleaning and maintenance free.

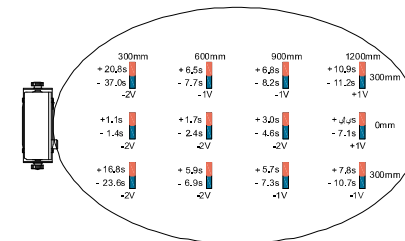


**Dedicated external power adapter**  
INPUT: 100-240V 50/60Hz; OUTPUT: DC15V 1000mA



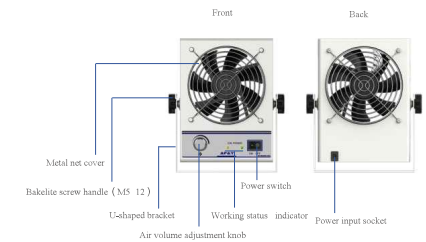
**CE certification**  
It can effectively avoid external electromagnetic interference affecting the normal operation of the ion bar.

### ◆ Discharge effect drawing



Test standard: ANSI/ESD-STM3.1, SJT 11446—2013  
Test instrument: Trek 157 static tester  
Test voltage: ±1000V → ±100V attenuation  
Test environment: humidity 50±5%; temperature 23±3°C

### ◆ Product appearance



### ◆ Product dimension

