

BK-GS4000/BK5500

Ion air gun/ion air nozzle

The ionizing air gun/air nozzle is an efficient static elimination device. Through the high-pressure airflow, a large number of positive and negative ions generated by the ion generating device are quickly blown to the area to be electrostatically removed, neutralizing the electrostatic charge accumulated on the object, and high-speed ions The airflow blows away the dust particles attracted by static electricity, and prevents them from attracting dust particles again; widely used in electronic assembly, microelectronics manufacturing, biological products, pharmaceuticals, injection molding, printing and other industries.

1. The ion balance value can reach $\pm 10V$, which can quickly eliminate static electricity on charged objects;
2. Built-in silencer system, low noise;
3. Stable ion balance, external adjustment, simple and convenient;
4. High voltage adopts capacitive coupling method, which is safe and reliable.

BK5500 Nozzle



BK5500-2 Sensor Nozzle



GS4000 Iron Gun



Specification:

Ion wind gun	BK-GS4000/BK5500
Input voltage	AC230v 50HZ (110V can be directly converted)
Current consumption	$\leq 350uA$
The output voltage	4.0KVAC
Ion balance	Adjusted to within $\pm 10V$ when leaving the factory ($\leq 300mm$)
Air volume	$\leq 3.3m^3/min$
Ozone production	0.03ppm or less ($\leq 150mm$)
Operating temperature	0-50°C
Outer diameter of trachea	6mm
Packing box size	250(L)x 248(W)x 50(H)mm
Weight	2.65kg

In addition to static test results:

Operating air pressure: 0.5-0.7Mpa, test voltage: 5KV-500V, ambient				
Ambient temperature	25°C			
Test distance (CM)	30	60	90	120
Static elimination time (S)	1.0	1.7	2.9	5.0
Ion balance (V)	0 \pm 10	0 \pm 9	0 \pm 7	0 \pm 5
Air volume	$\leq 3.3m^3/min$			

※Remarks: The test data is 30cm away from the front panel, and the test result will vary depending on the ambient air temperature and humidity during the test will vary.