

## Aerosol Generator (Cold Type)



### Feature:

\* Laskin Nozzle \* Manually adjust

### Application:

Clean room, Clean bench, biosafety cabinet, glove box, HEPA vacuum cleaner, HVAC system, HEPA, ULPA, negative pressure filter device, operating room and so on.

### Introduction:

Aerosol Generator can generate aerosol of 10~100ug/L with 50cfm to 8100cfm Air Flow. Aerosol Generator and photometer are used for integrity testing or leak testing in HEPA systems. Filter manufacturers use the device to scan ULPA and HEPA to validate their products. The filter detector uses the device to verify the filter has not been damaged in transit and that it has been properly installed without any leaks.

Aerosol Generator is with rugged stainless steel structure, big filling port, independent spray-head and pressure control, and normative and clean joint output. It is a small, light and rugged portable, self-contained Laskin-Nozzle aerosol generator.

All that needed is provide clean, compressed air to produce various diameters particles.

Aerosol Generator has 7 Laskin Nozzles, it's diluted into 810 cfm under pressure 20Psi, the concentration is approx 100 ug/L per liter. Three valves allow the device to operate between 1 and 7 nozzles, providing a wide range of particle concentrations.

### Technical Parameters:

|                        |   |
|------------------------|---|
| Model                  | BAG-4B  |
| Particles Output Range | 50~8100cfm (1.4-229m <sup>3</sup> /min)                 |
| Concentration          | 100ug / L Flow rate 810cfm; 10 ug / L Flow rate 8100cfm |
| Aerosol Type           | Cold Type   |
| Qty. Of Laskin Nozzles | 1~7 pcs   |
| Compressed Air         | 3~18 cfm (≤20 psi)                                      |
| Generator Type         | PAO, DOP, Polydisperse particles                        |
| Power Supply           | No need   |
| External Size (W*D*H)  | 250* 280*230mm  |
| Net Weight             | 7.4kg   |
| Packed Size (W*D*H)    | 440*580*430mm   |
| Gross Weight           | 17.5kg  |

## Aerosol Generator (Cold Type)



### Application:

Pharmaceutical industry filter leak detection (clean room, laminar flow table, biosafety cabinet, glove box, HEPA vacuum cleaner, HVAC system, HEPA, ULPA, negative pressure filter device, operating room).

### Introduction:

The enclosure of BAG-6D aerosol generator is made of stainless steel, the regulating valve and the transfer valve are also made of stainless steel, and the pressure gauge is an oil-filled anti-seismic pressure gauge.

The device is the lastest aerosol generator with built-in Oil-less Air Compressor, no need connect external air supply (also can be connected to an external air supply). The PAO or DOP is atomized through 2pcs or 6pcs Laskin Nozzles and generate high concentration aerosol.

### Technical Parameters:

|                        |  |
|------------------------|--|
| Model                  | BAG-6D   |
| Available Flow Range   | 50~2000cfm (84~3400 m <sup>3</sup> /h)   |
| Concentration          | 10ug/L: Flow rate 2000cfm (Approx 3400 m <sup>3</sup> /h)<br>100ug/L: Flow rate 200cfm (Approx340 m <sup>3</sup> /h) |
| Type Of Particles      | PAO, DEHS, DOP, Polydispersed particles  |
| Qty. of Laskin-Nozzles | 2 Pcs or 6 Pcs   |
| Power Supply           | Build-in Oil-less Air Compressor   |
| Power Supply           | AC220, 50/60Hz (Standard); AC110V, 60Hz (Optional, External transformer)   |
| External Size(W*D*H)   | 260*240*385mm  |
| Net Weight             | 27kg   |
| Packed Size(W*D*H)     | 440*580*430mm  |
| Gross Weight           | 30.5kg   |

When the pressure is 20psi(0.14Mpa), when do not recommend use DOP.