

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 (1.4-229m³/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

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- 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 latest 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 m³/h)
Concentration	10ug/L: Flow rate 2000cfm (Approx 3400 m³/h) 100ug/L: Flow rate 200cfm (Approx340 m³/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.