

## Aerosol Generator

### Introduction:

BAG-60 is a small, light and rugged portable, self-contained Laskin-Nozzle aerosol generator. It can generate aerosol of 10ug/l to 100ug/l with airflow 50cfm/min to 4725cfm/min.

Laskin-Nozzle aerosol generators is with rugged stainless steel structure, big filling port, independent spray-head and pressure control, and normative and clean joint output.

BAG-60 is lightweight and durable Laskin-Nozzle aerosol generator and the only one with switchable two modes in the country. It can produce dispersed suspension of submicron particles just needing a suitable voltage source, which also can use an external air source, can make fog volume triple big. We believe whatever you want to have about our instrument, you will find the one you want.



### Function:

BAG-60 aerosol generator has 4 pieces of Laskin-nozzle. When with the pressure of 20 psig, it works and is diluted by the air of 472.5CFM, gas concentration approaching 100ug/l. Built-in control valve can make 1 or 4 Laskin-Nozzles work to supply a wide range of aerosol concentrations. Applications include workstations, negative-pressure filtration units, biological safety cabinets and ceiling modules, HEPA filter and more.

### Application:

Clean Bench, Clean Room, HV Built-in AC System, HEPA Filter, ULPA Filter, Operating Room.

### Technical Parameters:

Model	BAG-60
Air flow range	50~2,000cfm/min (1.4-56.6m <sup>3</sup> /min) built-in pump 50~4,725cfm/min (1.4-133.7m <sup>3</sup> /min) external air source
Aerosol concentration	100ug/l, flow of 472.5cfm/min; 10ug/l, flow of 4725cfm/min 1-4 Laskin Nozzles(about 2-14 nozzles)
Generator type	PAO, DOP, polydispersed
Aerosol type	1.Voltage source: build-in air compressor, no needing external air source
Compressed air	2.External air source: three times growing for aerosol volume
Gas type	Varied diametric particle(cold)
Power Supply	AC220V 50/60Hz(Standard); 110V 60Hz(Optional, external transformer)
External Size(W*D*H)	370*260*230mm
Net Weight	15kg
Package Size(W*D*H)	535*385*375mm
Gross Weight	20kg