

# 6D Laskin-Nozzle Aerosol Generator



**The 6D is a small, light, and rugged portable, self-contained Laskin-Nozzle aerosol generator with integrated compressor.** It is ideal for testing a wide variety of filter systems with airflows up to 2,000 cfm by generating a poly-dispersed, sub-micron aerosol. Applications include workstations, negative- pressure filtration units, biological safety cabinets, ceiling modules and more. It can also be used for testing positive pressure systems using an optional Positive Injection Pump and hose adapter.



## Applications

- Independent Filter Certifiers
- Nuclear Facilities
- Pharmaceutical Manufacturers
- Medical Facilities & Cleanrooms
- Bio-Safety Cabinets & Fume Hoods\*

\* per NSF/ANSI 49

## Key Features and Benefits

- Integrated compressor, no external air required
- Flex-fuel capable, allows for the use of a variety of reagents
- Integrated pressure gauge guarantees the correct pressure across the nozzle
- Air flow rates from 200 to 2,000 cfm to test a wide variety of filter systems



## 6D LASKIN-NOZZLE AEROSOL GENERATOR

### A tough, portable solution

The 6D is a small, light, and rugged portable, self-contained Laskin-Nozzle aerosol generator. It is ideal for testing a wide variety of filter systems with airflows up to 2,000 cfm by generating a poly-dispersed, sub-micron aerosol. Applications include workstations, negative-pressure filtration units, biological safety cabinets, ceiling modules, and more.

The 6D can also be used for testing positive pressure systems using an optional hose adaptor. On-site routine maintenance is easy. And its integrated compressor makes implementation simple - all you need is a power source.



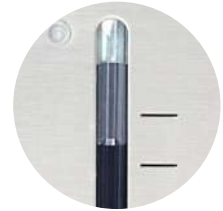
Hose Adaptor Connectors

### PRODUCT SPECIFICATIONS

Dimension (L x W x H)	37.4 cm x 25.7 cm x 27.6 cm (14.8" x 10.1" x 10.9")
Weight	15kg (34lb.)
Aerosol Output Range	50 - 2,000 cfm
Aerosol Concentration	100 µg/l @ 200 cfm / 10 µg/l @ 2,000 cfm
Generator Type	2 or 6 Laskin Nozzle Jets (1/2 or 1-1/2 Nozzles)
Aerosol Type	Poly-dispersed (Cold)
Electrical	120VAC/60 Hz or 240VAC/50Hz
Compressed Air	Not Required, On-board integrated compressor

### Performance Guaranteed

6D aerosol output is regulated with an included calibrated pressure gauge; guaranteeing 20psi across the nozzle per industry standards. The 6D complies with all applicable electrical and safety requirements and is CE approved.



Site Glass



Power Cord Storage



Drain Port

### Easy to use

Integrated liquid fill sight glass, drain port, and power cord storage make operating, transporting, and storing the 6D simple and easy. A hose adaptor kit, used to introduce aerosol remotely, connects easily to the standard outlet using the sanitary flange or simple NPT connection.

### Optional Heavy Duty Case

Heavy duty, water-proof transport case with wheels. Accommodates either a 4B, 4B-Lite or 6D generator, with space for optional hose adapter with cap to prevent spills. (Universal case with 6D generator shown).



## Service & Training @ ATI

- OEM calibration, maintenance & repair
- ATI Certified Operational, Service & Maintenance Training (ask for details)
- Quality testing for HEPA filters & protective masks available at our ISO-9001 registered, NQA-1 & DOE audited Test Laboratory



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