

6D Laskin-Nozzle Aerosol Generator



The 6D is a small, light, rugged and 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 polydispersed, submicron 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
- Biosafety 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

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



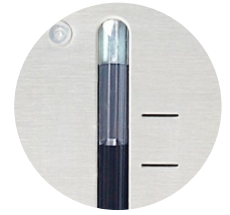
Hose Adaptor Connectors

PRODUCT SPECIFICATIONS

| | |
|-----------------------|---|
| Dimension (L x W x H) | 37.4 cm x 25.7 cm x 27.6 cm (14.8 in x 10.1 in x 10.9 in) |
| Weight | 15 kg (34 lb.) |
| Aerosol Output | 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 | Polydispersed (cold) |
| Electrical | 120 VAC/60 Hz or 240 VAC/50Hz |
| Compressed Air | Not required, On-board integrated compressor |

Performance Guaranteed

6D aerosol output is regulated with a calibrated pressure gauge; guaranteeing 20 psi 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. An optional 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 telescoping handle and wheels. Accommodates either a 4B 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



Protecting People, Products & Critical Infrastructure

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