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
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 adapter. On-site routine maintenance is easy. And its integrated compressor makes implementation simple - all you need is a power source.

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.

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).

Product Specifications

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

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