The rugged TDA-6C is a portable Laskin-nozzle aerosol generator for testing a wide variety of filter systems with airflows up to 2,000 cfm. It creates a poly-dispersed sub-micron aerosol for testing workstations, negative-pressure filtration units, biosafety cabinets, and more. It 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.
A tough, portable solution

The rugged TDA-6C is a portable Laskin-nozzle aerosol generator for testing filter systems with airflows of 2,000 cfm or less. It creates a poly-dispersed sub-micron aerosol for testing workstations, negative-pressure filtration units, biosafety cabinets, and more. It 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.

The TDA-6C is ideal for workstations, negative pressure filtration units, biosafety cabinets, ceiling modules, small or portable cleanrooms, and HEPA filter units in installations.

All-in-one design

The TDA-6C is a self-contained unit equipped with its own compressor. Easy to deploy, it requires only a suitable power source to create poly-dispersed sub-micron aerosol.

Versatile applications

The TDA-6C produces aerosol concentrations from 100 to 10 µg/l at airflows between 200 and 2,000 cfm, respectively. A wide range of aerosol concentrations can be selected simply by adjusting a valve. An optional hose adapter is available for introducing the aerosol into positive pressure systems.

Simple maintenance

Routine preventative maintenance is easy with the TDA-6C. Regular inspection and validation of electrical connections, and the external pressure regulator and gauge will keep your generator running smoothly.

Optional Hose Adaptor Kit

A hose adaptor kit (hose not included), used to introduce aerosol remotely, connects easily to the standard outlet collar and is available as an accessory.

Product Specifications

The TDA-6C features rugged stainless steel construction, a large aerosol reagent fill port, jet and pressure control, and a three-inch sanitary fitting outlet, standard.

TDA-6C Laskin-Nozzle Aerator Generator

<table>
<thead>
<tr>
<th>Product specifications, TDA-6C Laskin-Nozzle Aerator Generator</th>
</tr>
</thead>
<tbody>
<tr>
<td>AEROSOL OUTPUT RANGE:</td>
</tr>
<tr>
<td>10-2,000 cfm</td>
</tr>
<tr>
<td>AEROSOL CONCENTRATION:</td>
</tr>
<tr>
<td>100 µg/l at 200 cfm</td>
</tr>
<tr>
<td>AEROSOL CONCENTRATION:</td>
</tr>
<tr>
<td>10 µg/l at 2,000 cfm</td>
</tr>
<tr>
<td>GENERATOR TYPE:</td>
</tr>
<tr>
<td>2 to 6 Laskin nozzle Jets</td>
</tr>
<tr>
<td>COMPRESSED AIR:</td>
</tr>
<tr>
<td>Not Required</td>
</tr>
<tr>
<td>AEROSOL TYPE:</td>
</tr>
<tr>
<td>Polydispersed (Cold)</td>
</tr>
<tr>
<td>SIZE:</td>
</tr>
<tr>
<td>21” L, 8” W, 11” H (54cm L, 20cm W, 28cm H)</td>
</tr>
<tr>
<td>WEIGHT:</td>
</tr>
<tr>
<td>55 lbs. (25 kg)</td>
</tr>
<tr>
<td>ELECTRICAL:</td>
</tr>
<tr>
<td>110 VAC / 60 Hz or 220 VAC / 50 Hz</td>
</tr>
</tbody>
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