Some locations do not have a sufficient concentration of microscopic ambient particles to accommodate fit testing with a PortaCount® Pro and Pro+ Respirator Fit Tester. This condition can be caused by high-efficiency filters in the ventilation system, unusual environmental conditions or other factors. Generating particles with a candle can solve the problem, but many organizations do not permit an open flame on the premises. The Particle Generator produces an invisible aerosol of non-toxic salt particles in the proper size range needed for the fit test. The Particle Generator works by atomizing an aqueous solution of salt into minute droplets and then launching them into the air. The water in the droplets evaporates almost instantly, but the dissolved salt does not.

**Features and Benefits**

+ Increases ambient particle count
+ Portable
+ Fast operation
+ Safer alternative to a candle
+ Meets minimum levels necessary for fit testing
Specifications

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size</td>
<td>10 in. x 4 in. x 5.25 in. (25.4 cm x 10.1 cm x 13.3 cm)</td>
</tr>
<tr>
<td>Weight</td>
<td>2.75 lb. (1.25 kg)</td>
</tr>
<tr>
<td>Operating Voltage</td>
<td>115 or 230 V AC (specify when ordering)</td>
</tr>
<tr>
<td>Warranty</td>
<td>Two year on parts and labor</td>
</tr>
</tbody>
</table>

The result is an aerosol of microscopic salt particles. Simply fill the Particle Generator’s reservoir with clean tap water and let one of the supplied salt tablets (NaCl) dissolve. Turn the instrument on, and within about 15 minutes the ambient particle count will exceed the minimum levels necessary for your PortaCount Pro+ Respirator Fit Tester to operate, assuming an average size room. Run the Particle Generator continuously while fit testing to maintain a stable particle concentration. One filling lasts all day.

Specifications are subject to change without notice.

PortaCount, TSI and the TSI logo are registered trademarks of TSI Incorporated.

TSI Incorporated - Visit our website www.tsi.com for more information.

USA Tel: +1 800 874 2811  India Tel: +91 80 67877200
UK Tel: +44 1494 459200  China Tel: +86 10 8219 7688
France Tel: +33 1 41 19 21 99  Singapore Tel: +65 6595 6388
Germany Tel: +49 241 523030

P/N 5001139 Rev F (A4)  ©2020 TSI Incorporated  Printed in U.S.A.