New Slide-on Pump for Ventis MX4 is Now Available

Industrial Scientific is pleased to announce the release of the Ventis Slide-on Pump, Model VSP. The new pump is compatible with both the Ventis MX4 and the MX4 iQuad multi-gas detectors and is ideally suited for operators that wear their gas monitor for personal protection the majority of their day but occasionally require a pump for confined space entries.

The Ventis Slide-on Pump is available in either black or safety orange and is powered by its own battery pack. Benefits include:

- **Convenient sampling**: A sample draw distance of up to 50 feet (15 meters) provides convenient sampling in a wide range of applications.
- **Easy to attach / No tools required**: No tools are required to attach or remove the Ventis Slide-on Pump to or from the Ventis monitor.
- **Uses same battery packs and chargers as Ventis**: Since the monitor and pump each use the same battery packs, they can easily be exchanged between instruments, as needed. To charge the VSP, simply place the pump in the cradle of one of the standard Ventis AC desktop or DC vehicle chargers.
- **Flexible battery options**: The three available battery options make this pump extremely flexible in the field, and the lithium-ion technology battery packs provide improved runtimes in colder environments compared to alkaline technology. See chart below for battery runtimes.

<table>
<thead>
<tr>
<th>Battery Pack Options</th>
<th>Runtime (at 20°C)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard Lithium-ion</td>
<td>18 Hours</td>
</tr>
<tr>
<td>Extended Runtime Lithium-Ion</td>
<td>36 Hours</td>
</tr>
<tr>
<td>Alkaline</td>
<td>10 Hours</td>
</tr>
</tbody>
</table>

Please see the chart below for common configurations of the Ventis Slide-on Pump.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>18109162-1011</td>
<td>Ventis Slide-on Pump, Lithium-ion Battery, Black, UL/CSA</td>
</tr>
<tr>
<td>18109162-1111</td>
<td>Ventis Slide-on Pump, Lithium-ion Battery, Orange, UL/CSA</td>
</tr>
<tr>
<td>18109162-1021</td>
<td>Ventis Slide-on Pump, Lithium-ion Battery, Black, ATEX,/IECEx</td>
</tr>
<tr>
<td>18109162-1121</td>
<td>Ventis Slide-on Pump, Lithium-ion Battery, Orange, ATEX,/IECEx</td>
</tr>
<tr>
<td>18109162-3011</td>
<td>Ventis Slide-on Pump, Alkaline Battery, Black, UL/CSA</td>
</tr>
<tr>
<td>18109162-2111</td>
<td>Ventis Slide-on Pump, Extended Lithium-ion Battery, Orange, UL/CSA</td>
</tr>
</tbody>
</table>

*Note: The Ventis Slide-on Pump does not include a charger. Any Ventis MX4 charger can be ordered separately.*

The compact, lightweight, and feature-rich Ventis MX4 has been the monitor of choice for many customers since it was launched in March 2011. The new Ventis Slide-on Pump allows you to quickly configure the Ventis for any need. For additional information on the Ventis Slide-on Pump, Model VSP, contact us at [www.indsci.com/offices](http://www.indsci.com/offices) or visit our website at [www.indsci.com/ventis/vsp](http://www.indsci.com/ventis/vsp).

Sincerely,

Gregory S. Bako
Global Product Manager, Multi-Gas Solutions
Product Bulletin Issue 13-2.2 – New Slide-on Pump for Ventis MX4 is Now Available
Frequently Asked Questions (FAQs)

1. I am not familiar with monitors that use a removable pump. When would you need a pump like the Ventis Slide-on Pump that can easily be both attached to and removed from the monitor?
   Often the sampling pump is only needed for the entry into the confined space. Once the operator has confirmed that the area does not contain any dangerous gases, they may prefer to wear a smaller personal monitor such as the Ventis MX4. The Ventis Slide-on Pump now gives the operator that option as it can quickly and easily be removed without the need for any tools.

2. Will I need any tools to attach or remove the Ventis Slide-on Pump to the Ventis monitor?
   No. Tools are not required to attach or remove the Ventis Slide-on Pump to/from the Ventis monitor.

3. Will the Ventis Slide-on Pump work with my MX4 iQuad monitor?
   Yes. The Ventis Slide-on Pump is compatible with the MX4 iQuad.

4. Does the Ventis Slide-on Pump use the same battery packs as the Ventis monitor?
   Yes. The Ventis Slide-on Pump uses the same MX4 battery packs as the Ventis MX4 and MX4 iQuad monitors.

5. Does the Ventis Slide-on Pump require its own charger?
   The lithium-ion versions of the Ventis Slide-on Pump can be charged using the same standard charger shipped with the Ventis monitor, or an additional standard Ventis charger can be ordered to charge the Ventis Slide-on Pump.

6. Which of the Ventis MX4 chargers can be used to charge the Ventis Slide-on Pump?
   The Ventis Slide-on Pump can be charged with any of the following Ventis chargers: single-unit charger, single-unit charger with datalink, 6-unit charger, 12VDC single-unit automotive charger with plug, 12VDC single-unit truck-mount charger with plug, and the 12VDC single-unit hard wired truck-mount charger.

7. My Ventis MX4 came with a desktop charger, is it possible to charge the Ventis monitor and the Ventis Slide-on Pump with this charger at the same time?
   While both the Ventis and the Ventis Slide-on Pump can both be charged using the desktop charger, they cannot be charged at the same time. To charge both the Ventis monitor and the Ventis Slide-on Pump at the same time, two chargers are required.

8. How far can I sample using the Ventis Slide-on Pump?
   The Ventis Slide-on Pump is capable of a continuous sample draw for up to 50 feet (15 meters) using 0.125 inch inside diameter sample tubing.

9. What is the sample flow rate of the Ventis Slide-on Pump?
   The Ventis Slide-on Pump has a nominal flow rate of 0.27 liters per minute (LPM).

10. If I know I will be using the Ventis Slide-on Pump with my Ventis monitor on a particular day, should I perform the bump test with the Ventis Slide-on Pump attached to the monitor or just bump test the monitor by itself?
   Since your gas detection system will include the Ventis Slide-on Pump for a portion of your day, you should perform the bump test with the pump attached in order to test the entire system.

11. Can I use my docking station or V-Cal Calibration Station to bump test my Ventis monitor with the Ventis Slide-on Pump attached?
   No. The iNet DS and DS2 docking stations and the V-Cal calibration stations are not capable of bump testing the Ventis monitor with the Ventis Slide-on Pump attached. A Ventis monitor equipped with a Ventis Slide-on Pump must be bump tested manually.