

Using the Ventis® Slim Extended Li-ion Battery



As industrial worker shifts grow longer, a gas monitor's battery run time can become an issue. If an operator will be working 14 or 16 hours and their gas monitor's battery is only capable of running for 12 hours, they must stop whatever they are doing and either get another monitor or change their monitor's battery. To address this potential issue, Industrial Scientific has recently released a new Slim Extended Lithium-ion Battery for use in the Ventis® MX4 and Ventis® Pro Series non-pumped monitors.

This new Ventis® Slim Extended Lithium-ion Battery is capable of increasing the run time of a non-pumped Ventis or Ventis Pro Series monitor from 12 to 18 hours (at room temperature), with only a slight increase in physical size and weight of the battery pack. The new battery pack can be quickly added to any existing Ventis MX4 or Ventis Pro Series monitor. A new charger is not required, as the replacement battery pack will come with a redesigned blue spacer for use in the existing charger.

In addition to helping customers accommodate longer operating shifts, this new battery pack will also help customers in regions where extreme cold or hot weather may shorten a battery's run time.

If run time beyond 18 hours for a non-pumped Ventis family instrument is required, the Extended Lithium-ion Battery is still available and can increase the run time in a non-pumped Ventis MX4 to 20 hours and 23 hours in a Ventis Pro. The image below shows the size differences in the three types of Ventis batteries now available.

For additional information on the new Slim Extended Lithium-ion Battery pack for the Ventis family of instruments, contact your local Industrial Scientific representative. Contact information can be found at www.indsci.com/offices.

Standard Li-ion Battery
12-hour run time



Slim Extended Li-ion Battery
18-hour run time



Extended Li-ion Battery
20-hour run time (MX4)
23-hour run time (Ventis Pro)



* Run time estimates are based on non-pumped Ventis instruments with LEL, CO, H2S, and O2 sensors installed operating at room temperature.