

Ventis™ Pro Series in the Food and Beverage Industry



Overview

Food and beverage processors use and produce dangerous gases when pre-cooking food, treating wastes and by-products, and preserving their products for delivery. A multi-gas instrument is well-suited for the variety of gas hazards that can be found in food and beverage applications.

Sensors

While the most commonly requested sensors are O₂, CO, CO₂, and NH₃, requirements for food and beverage vary based on the application. Common sensors by application include:

- Cheese and dairy operations: O₂, LEL, CO/H₂S, NH₃, and NO₂
- Fruit storage and processing: O₂, CO, NH₃, and CO₂
- Baking facilities: O₂, LEL, CO, and CO₂
- Breweries: O₂, LEL, CO/H₂S, CO₂, SO₂, and NH₃
- Wine bottling: O₂, LEL, CO, and CO₂
- Facilities that process, transport, or store grain: O₂, LEL, CO, H₂S, NH₃, and NO₂
- Confined space entry requires O₂ and LEL at minimum, with additional sensors determined by the hazards of the application

Key Features

- CO₂ monitoring made more accessible: The Ventis™ Pro Series line of instruments offers a new option for CO₂ monitoring at a small size and low price point.
- Monitor up to four toxic gases with one instrument: With NH₃, CO₂, CO, and O₂ sensors installed, food and beverage workers can monitor for everything from refrigeration leaks to carbonation leaks and other potential hazards with one instrument.
- Simple to use: Work safer while reducing training costs through the use of settings that simplify operation. For example, alarm action messages can be used to provide clear instruction when the instrument alarms (“Evacuate” for high CO alarms and “Ventilate” for low NH₃ alarms).

Additional Features

Rugged – Ventis Pro Series instruments are backed by the Guaranteed for Life™ warranty program and exceed the food and beverage industry’s need for a rugged instrument. They can withstand extreme temperatures, are built to last with overmold edges that are designed to resist peeling and tearing, and have an IP68 rating. The IP68 rating means a Ventis Pro Series instrument can withstand being submerged in water at a depth of 1.5 meters (4.9 feet) for one hour. Liquids can be wiped off of the instrument with a damp cloth.

Simple to care for – Ventis Pro Series instruments are easy to service. The sensors can be replaced with a few simple steps. The rechargeable lithium-ion battery takes just moments to swap out. External dust filters can be peeled off when dirty and quickly replaced. The Ventis Pro Series is also compatible with the DSX Docking Stations and V-Cal Calibration Stations.

Customize it to meet operator needs – Customizable settings allow Ventis Pro Series instruments to be configured for use by experts in gas detection or simplified for use by operators who just need to know when there is a problem.

Work safer – Man-down and panic alarms protect workers from hazards beyond gas. For example, if a Ventis Pro Series user is unable to move or drops an instrument without knowing it, the man-down alarm will sound. A dedicated panic button makes it easy for an instrument operator to warn others of hazards.

Manage fleets on the go – iAssign™ Technology helps streamline the site and user assignment process by making assignments something that can be done quickly, anywhere, and any time.

Ventis Slide-on Pump* – Ventis Pro Series instruments are compatible with the Ventis Slide-on Pump. Operators who primarily wear a gas monitor for personal protection, but occasionally require a pump for confined spaces, can convert a non-pumped instrument to a pumped and vice versa with just a few steps.

NOTE: *Available in late 2016. | REV 0316

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