Ventis™ Pro Series Advanced Alarm Capabilities

Someone once said that a portable gas detector is nothing more than a gas sensor attached to an alarm. At its very essence, this is quite true. The primary function of a portable gas detector is to sound an alarm and alert the user when a potentially harmful gas is present. With this in mind, Ventis™ Pro Series Multi-Gas Monitors have been designed with several enhanced alarm and alert capabilities.

Standard Alarms

The Ventis™ Pro4 and Ventis™ Pro5 include the standard audible, visual, and vibrating alarm indicators. The audible indicator is capable of delivering a 95dB tone at a distance of 10 centimeters. The flashing action of the four ultra-bright LEDs, two red and two blue, will attract the attention of the user and others around while the vibrating alarm provides a sensory alert to the user in the highest noise environments.

Acknowledgeable Gas Alerts

Beyond the Low, High, STEL, and TWA selectable alarm levels found on most portable gas monitors, a fifth alert level has been implemented in the Ventis Pro Series that acts as an early warning below the low alarm set point. When the gas concentration exceeds the Acknowledgeable Gas Alert set point, the instrument will activate the alarm indicators to alert the user that he may be approaching a dangerous condition. The user may need to take preliminary or mitigating action, but can acknowledge and silence the alert while he continues his work. If the condition persists beyond 30 minutes, the alert is reactivated.

Full Screen Alarms

Ventis Pro Series monitors are among the smallest instruments in the class of four and five gas wearable monitors. At times, the information shown on the instrument display is compromised by the small size. The Ventis Pro4 and Ventis Pro5 are designed with Full Screen Alarms that maximize the reading from any alarming gas sensor, taking advantage of the maximum display area available and eliminating the confusion that can be created when four or five gas readings are displayed simultaneously.

Alarm Action Messages

Alarm Action Messages provide instructional text on the instrument display to assist users in knowing how to react properly in the event that an instrument alarm occurs. An alarm action message may be programmed for each of the five alert/alarm setpoints for each sensor of the Ventis Pro Series instruments to tell the user, in their native language, whether they should don a respirator, leave the area, seek shelter or take whatever action is dictated by the company emergency response plan. Alarm action messages mean that an instrument user doesn't need to be trained to interpret and understand the meaning of all gas readings, simply read the display and heed the instructions.

Panic and Man-Down Alarms

The Ventis Pro Series instruments have alarm capabilities beyond the normal gas alarms. Each instrument is equipped with a large red button in the center of the sensor area that activates a panic alarm. If a worker finds himself in a situation where he needs assistance or medical attention, pressing the panic button activates the audible and visual alarms letting others in the area know that he needs help. A built-in accelerometer provides man-down functionality in the Ventis Pro4 and Ventis Pro5. If the man-down function is enabled, and a worker fails to move within a preset period of time, an alert is triggered on the instrument. If the alert is not acknowledged by the user, the full audible and visual alarms are activated letting anyone in the area know that the user has encountered trouble and is incapable of helping himself.

The Ventis Pro Series is ideal for users who need traditional alarm capabilities in addition to those looking for the next generation of advanced safety features. To learn more about how to make the alarm capabilities of the Ventis Pro Series work for you, visit our website at www.indsci.com/ventispro or contact your local Industrial Scientific representative. Contact information can be found at www.indsci.com/offices.

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