

VENTIS PRO5

Ventis™ Pro Series Multi-Gas Monitors



In your line of work, a day on the job can turn from habit to hazard in a single moment. Be ready for anything with the Ventis™ Pro Series Multi-Gas Monitors.

With features that keep users safer than ever, the Ventis™ Pro5 makes owning and using gas detectors easy—all in the most configurable multi-gas monitor on the market.

DEMAND MORE FLEXIBILITY FROM YOUR GAS DETECTOR

Stop carrying multiple devices to meet your gas detection needs. The Ventis Pro5 offers a variety of sensor options with flexible slot positions to help you detect combustible and toxic gases across a range of applications.

- Monitor up to five gases with flexible sensor configuration options
- Detect four toxic gases simultaneously in one compact, personal monitor
- Operate the device for personal protection or with a pump for confined space applications
- Save money by using existing compatible Ventis™ MX4 accessories

ALERT OTHERS IN EMERGENCY SITUATIONS

Save precious time in emergency situations by quickly alerting nearby workers when someone is in distress or has lost consciousness.

- Press the dedicated panic button to notify others when an emergency arises
- Set the man-down alarm to activate after a defined period of time without motion

DEPEND ON A RUGGED DESIGN

Keep your instruments in the field, not the shop, thanks to an all-new over-mold design and Guaranteed for Life™ warranty.

- Industry's only Guaranteed for Life warranty*
- Industry's highest rating of IP68 for protection against damage from dust and water
- Withstands submersion in 1.5 meters of water for one hour
- Replaceable dust filter cover allows you to change dirty filters without having to take apart the instrument
- Raised plastic rail on the faceplate helps to protect sensors when in-

KEY FEATURES

- Monitor up to five gases with flexible sensor configuration options
- Press the dedicated panic button to notify others when an emergency arises
- Set the man-down alarm to activate after a defined period of time without motion
- Industry's highest rating of IP68 for protection against damage from dust and water
- Withstands submersion in 1.5 meters of water for one hour
- Replaceable dust filter cover allows you to change dirty filters without having to take apart the instrument
- Easily monitor unit locations and compliance with the iAssign™ feature.
- Extended battery life option.
- Easy to read display



VENTIS PRO5

TRACK INSTRUMENTS & ALARMS

Address recurring alarms, identify hazards, and improve asset management by assigning users and sites to each gas monitor in real time with iAssign™ Technology.

- Quickly make sense of your data by knowing who had an instrument and where it was during an alarm
- Manage assets more efficiently by viewing iAssign data to see who last used an instrument before it went missing
- Keep instruments running optimally with maintenance reminders that prompt you to take actions such as docking or bump testing
- Save time and frustration by using the quick status screen to view battery level, serial number, and installed sensors without powering on the instrument



SIMPLIFY GAS DETECTION FOR YOUR USERS

Communicate key safety information to your team, simplify the user’s response when an instrument goes into alarm, and reduce nuisance alarms and false evacuations thanks to customizable text options.

- Focus on taking action in emergency situations with custom alarm action messages like “EVACUATE” or “VENTILATE”
- Increase hazard awareness with acknowledgeable gas alerts that provide early warning when gases reach a predefined level
- Reinforce a safety culture by communicating safety information or company-wide reminders with custom start-up messages
- See only the information needed in the field thanks to a flexible interface that lets you limit screens and options when in use
- Focus on the source and type of hazard in emergencies by viewing full-screen alarms

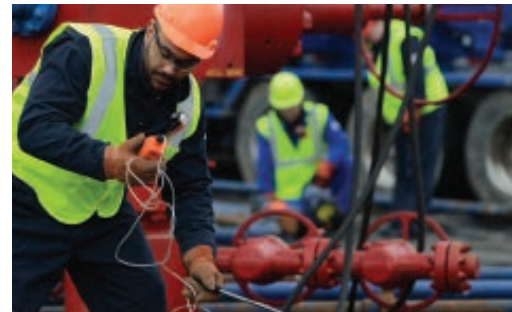
WHAT GASES WILL YOU NEED TO MONITOR?

DETECTION CAPABILITIES	VENTIS™ PRO4	VENTIS™ PRO5
Simultaneous Gases	Four	Five
O ₂	●	●
LEL/CH ₄	●	●
CO	●	●
H ₂ S	●	●
SO ₂	●	●
NO ₂	●	●
CO/H ₂ Low	●	●
HCN	●	●
NH ₃		●
CO/H ₂ S		●
CO ₂ /HC IR		●
CO ₂ /CH ₄ IR		●
CO ₂ IR	●	●

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TYPICAL RANGE OF GASES DETECTED

CATALYTIC BEAD	
Combustible Gases	0-100% LEL in 1% increments
Methane (CH4)	0-5% of vol in 0.01% increments
ELECTROCHEMICAL	
Ammonia (NH3)	0-500 ppm in 1 ppm increments
Carbon Monoxide (CO)	0-2,000 ppm in 1 ppm increments
Carbon Monoxide (CO/H2 low)	0-1,000 ppm in 1 ppm increments
Carbon Monoxide/Hydrogen Sulfide	CO: 0-1,500 ppm in 1 ppm increments H2S: 0-500 ppm in 0.1 ppm increments
Hydrogen Sulfide (H2S)	0-500 ppm in 0.1 ppm increments
Hydrogen Cyanide (HCN)	0-30 ppm in 0.1 ppm increments
Nitrogen Dioxide (NO2)	0-150 ppm in 0.1 ppm increments
Oxygen (O2)	0-30% of vol in 0.1% increments
Sulfur Dioxide (SO2)	0-150 ppm in 0.1 ppm increments
INFRARED	
Carbon Dioxide/Hydrocarbons	CO2: 0-5% vol in 0.01% increments HC: 0-100% LEL in 1% increments
Carbon Dioxide/Methane	CO2: 0-5% vol in 0.01% increments CH4: 0-5% vol in 0.01% increments CH4: 5-100% vol in 0.1% increments
Carbon Dioxide (CO2)	0-5% of vol in 0.01% increments



SPECIFICATIONS Specifications subject to change without notice

KEYPAD:	Two buttons for operation. Dedicated panic button.	POWER SOURCE/RUN TIME:	Rechargeable lithium-ion battery pack with LEL (12 hours typical @ 20 °C) – without pump Rechargeable extended-range lithium-ion battery pack with LEL (24 hours typical @ 20 °C) – without pump (18 hours typical @ 20 °C) – with pump Rechargeable lithium-ion battery pack with IR (36 hours typical @ 20 °C) – without pump Rechargeable extended-range lithium-ion battery pack with IR (72 hours typical @ 20 °C) – without pump (32 hours typical @ 20 °C) – with pump
DATA LOG:	At least 3 months at 10-second intervals	ALARMS:	Four visual alarm LEDs (two red, two blue); 95 decibel (dB) audible alarm at a distance of 10 cm (3.94 in); Vibration alarm
EVENT LOGGING:	60 alarm events	SENSORS:	Combustible Gases/Methane – Catalytic Bead O2, CO, CO/H2 low, H2S, HCN, NH3, NO2, SO2 – Electrochemical CO2/HC, CO2/CH4 – Infrared
INGRESS PROTECTION:	IP68 (submersion at 1.5 meters for 1 hour)		
CASE MATERIAL:	Polycarbonate with protective rubber over-mold		
DIMENSIONS:	104 x 58 x 36 mm (4.1 x 2.3 x 1.4 in) without pump 172 x 67 x 65 mm (6.8 x 2.6 x 2.6 in) with pump		
WEIGHT:	200 g (7.05 oz), typical without pump 390 g (13.76 oz), typical with pump		
TEMPERATURE RANGE:	-40 °C to 50 °C (-40 °F to 122 °F)		
HUMIDITY RANGE:	15%-95% non-condensing (continuous)		
DISPLAY/READOUT:	Backlit liquid crystal display (LCD)		

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SPECIFICATIONS CONTINUED

CERTIFICATIONS:

UL:	Class I, Division 1, Groups A, B, C, and D, in the Temperature Class T4 Class II, Division 1, Groups E, F, and G, in the Temperature Class T4 Class I, Zone 0, AEx ia IIC, in the Temperature Class T4 Class I, Zone 1, AEx d ia II C, in the Temperature Class T4, with IR sensor
ATEX:	Equipment Group and Category II 1G, Ex ia IIC, with the protection category Ga, in the Temperature Class T4 Equipment Group and Category II 2G, Ex d ia IIC, with the protection category Gb, in the Temperature Class T4, with IR sensor
IECEX:	Class I, Zone 0, Ex ia IIC, with the protection technique Ga, in the Temperature Class T4 Class I, Zone 1, Ex d ia IIC, with the protection technique Gb, in the Temperature Class T4, with IR sensor
CSA:	Class I, Division 1, Groups A, B, C, and D, in the Temperature Class T4 Class I, Zone 1, Ex d ia IIC, in the Temperature Class T4

SUPPLIED WITH MONITOR:

Calibration Cup (Ventis), Sample Tubing (Ventis with pump), Reference Guide

REFERENCE GUIDE LANGUAGE:

English, French, Spanish, German

WARRANTY:

Guaranteed for Life. Warranted for as long as the instrument is supported by Industrial Scientific Corporation (excludes sensors, batteries, and filters). O₂, LEL, CO, and H₂S sensors warranted for three years. All other sensors warranted for two years. Pumps and batteries are warranted for two years.

* These specifications are based on performance averages and may vary by instrument.



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