



VENTIS® PRO5 MULTI-GAS MONITOR

The Ventis® Pro5 is a five-gas monitor with a dedicated man-down alarm, panic button, and custom on-screen messages, making it easy for workers to communicate and operate. The Ventis Pro5 is the most flexible connected monitor on the market, giving you the power to manage worker safety anytime, anywhere – even in the most remote settings. Wireless connectivity in the Ventis Pro5 connects workers to iNet Now live monitoring software via cellular, wi-fi, satellite, or to peers on-site through LENS Wireless.

- Eliminate the need for multiple pieces of equipment by using Ventis Pro5 for lone worker tracking, confined space entry, and personal monitoring.
- Train workers on one, multi-purpose gas monitor and reduce the risk and investment of having different devices in the field.
- Improve team and site safety by locally sharing alarms and gas readings between wirelessly connected Ventis Pro5 monitors.
- Get real-time location and alarm data directly from Ventis Pro5 gas monitors to a designated safety contact with the optional cellular or wi-fi battery pack.
- Reinforce safe behavior with programmable alarm action messages like “EVACUATE” or “VENTILATE” based on alarm level.
- Simplify the user experience with the ability to hide unnecessary

See all features and benefits at
www.indsci.com/ventispro

Sensor & Configuration Options

The Ventis Pro5 offers sensor and configuration options for multiple industries and applications, including standard and non-standard 4-gas, 5-gas, and a methane IR sensor making it a cost-effective option for personal protection and confined space applications.

LEL (CH ₄ % Vol)	Cl ₂	NO ₂	IR HC
LEL (Methane)	CO	IR CH ₄	HCN
LEL (Pentane)	CO/H ₂ Low	IR CO ₂	NH ₃
O ₂	CO/H ₂ S	IR CO ₂ /CH ₄	PH ₃
H ₂ S	SO ₂	IR CO ₂ /LEL	PID (VOC's)

SPECIFICATIONS*

WARRANTY

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

CASE MATERIAL

Polycarbonate with protective rubber overmold

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
104 x 58 x 61 mm (4.1 x 2.3 x 2.4 in) with wi-fi Battery

WEIGHT

200 g (7.05 oz) typical, without Pump
390 g (13.76 oz) typical, with Pump
243 g (8.5 oz) typical, with wi-fi Battery

POWER SOURCE/RUN TIME

Rechargeable Slim Extended Lithium-ion battery (no Pump option)
(18 hours typical @ 20 °C) with LEL | (54 hours typical @ 20 °C) with IR
Rechargeable Lithium-ion battery (no Pump option)
(12 hours typical @ 20 °C) with LEL | (36 hours typical @ 20 °C) with IR
Rechargeable Extended-Range Lithium-ion battery with LEL
(23 hours typical @ 20 °C) without Pump | (18 hours typical @ 20 °C) with Pump
Rechargeable Extended-Range Lithium-ion battery with IR
(72 hours typical @ 20 °C) without Pump | (32 hours typical @ 20 °C) with Pump
Rechargeable wi-fi Lithium-ion battery (no Pump option)
(16 hours typical @ 20 °C) with LEL

ALARMS

Four visual alarm LEDs (two red, two blue)
95 decibel (dB) audible alarm at a distance of 10 cm (3.94 in) vibration alarms

DISPLAY/READOUT Backlit liquid crystal display (LCD)

KEYPAD Two buttons for operation, dedicated panic button

INGRESS PROTECTION IP68 (submersion at 1.5 meters for 1 hour)

TEMPERATURE RANGE -40 °C to 50 °C (-40 °F to 122 °F) **

HUMIDITY RANGE 15% to 95% non-condensing (continuous)

EVENT LOGGING 60 alarm events

DATA LOG At least 3 months at 10-second intervals

SENSOR RANGES

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

Chlorine (Cl₂): 0-50 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) (Standard/Long-Life): 0-30% of vol in 0.1% increments
Phosphine (PH₃): 0-10 ppm in 0.01 ppm increments
Sulfur Dioxide (SO₂): 0-150 ppm in 0.1 ppm increments

INFRARED

Carbon Dioxide (CO₂): 0-5% vol in 0.01% increments
Methane (CH₄): 0-5% vol in 0.01% increments
5-100% vol in 0.1% increments
Carbon Dioxide/Combustible: CO₂: 0-5% vol in 0.01% increments
LEL: 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

Hydrocarbons:

0-100% LEL in 1% increments

PHOTOIONIZATION

VOC (10.6 eV): 0-2,000 ppm in 0.1 ppm increments

COMMUNICATION

LENS WIRELESS MESH NETWORK

Frequency: ISM license-free band (2.405 - 2.480 GHz)
Max Peers: 25 devices per network group
Range: 100 m (300 ft) line of sight, face-to-face
Encryption: AES-128 | Approvals: FCC Part 15, IC, CE/RED, others†

WI-FI: 802.11 b/g/n 2.4GHz wi-fi with WPA2 security

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

** Operating temperatures above 50 °C (122 °F) may cause reduced instrument accuracy. Operating temperatures below -20 °C (-4 °F) may cause reduced instrument accuracy and affect display and alarm performance. See Product Manual for details.

† See www.indsci.com/wireless-certifications for country-specific wireless approvals and certifications.