Detect up to five gases simultaneously with the rugged, wireless, Ventis® Pro5 Multi-Gas Monitor. With Ventis Pro5, safety goes beyond the gas detector whether you need team-based alarm sharing, remote monitoring with location details, or both. The monitor is also backed by a Guaranteed for Life™ warranty.

- Eliminate the need for two pieces of equipment by using Ventis Pro5 for personal monitoring and confined space entry.
- 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.
- 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 screens based on user needs, role, industry, or site.

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.

<table>
<thead>
<tr>
<th>Sensor Options</th>
<th>Description</th>
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<tbody>
<tr>
<td>LEL (CH₄ % Vol)</td>
<td>CO</td>
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<tr>
<td>LEL (Methane)</td>
<td>CO/H₂ Low</td>
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<tr>
<td>LEL (Pentane)</td>
<td>CO/H₂, S</td>
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<tr>
<td>O₂</td>
<td>SO₂</td>
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<tr>
<td>H₂S</td>
<td>NO₂</td>
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<tr>
<td>Cl₂</td>
<td>IR CH₄</td>
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<tr>
<td></td>
<td>IR CO₂</td>
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<td>IR CO₂/CH₄</td>
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<td>IR CO₂/LEL</td>
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<td>IR HC</td>
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<td>ULP IR CH₄</td>
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<td>IR CO₂</td>
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<td>IR CO₂/CH₄</td>
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<tr>
<td></td>
<td>IR CO₂/LEL</td>
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</tbody>
</table>

**SPECIFICATIONS**

**WARRANTY**
PID sensor warranted for one year. All other sensors, batteries and pump are warranted for two years.

**KEYPAD**
Two buttons for operation. Dedicated panic button.

**DATA LOG**
At least 3 months at 10-second intervals

**EVENT LOGGING**
50 alarm events

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

**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

**WEIGHT**
200 g (7.05 oz) typical, without Pump
390 g (13.76 oz) typical, with Pump

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

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

**DISPLAY/READOUT**
Backlit liquid crystal display (LCD)

**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†

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Test Drive the Ventis Pro5 with the Instrument Simulator
www.indsci.com/VentisProSimulator
SPECIFICATIONS*

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

SENSORS
Combustible Gases/Methane – Catalytic Bead
CO, CO, CO/LEL, H₂, H₂S, HCN, NH₃, NO₂, PH₃, SO₂, CI₂ – Electrochemical
CO₂, CH₄, CO₂/LEL, CO₂/CH₄, HC – Infrared, PID, ULP IR CH₄, ULP IR HC

MEASURING RANGES
CATALYTIC BEAD
Combustible Gases: 0-100% LEL in 1% increments
Methane (CH₄): 0-5% 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 (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
Carbon Dioxide/Combustible: 0-5% vol in 0.01% increments
Carbon Dioxide/Methane: 0-100% LEL in 1% increments
Hydrocarbons: 0-100% LEL in 1% increments
Hydrocarbon (HC ULP): 0-100% LEL in 1% increments
Methane (CH₄ ULP): 0-5.1-100% vol in 0.1% increments

PHOTOIONIZATION
Volatile Organic Compounds (10.6 eV) 0-2,000 ppm in 0.1 ppm increments

CERTIFICATIONS
INGRESS PROTECTION IP68
ANZEx: Ex ia I Ma/Ex ia IIC T4 Ga, -40 °C ≤ Ta ≤ 50 °C
Ex ia I Mb/Ex d ia IIC T4 Gb IR sensor, -20 °C ≤ Ta ≤ 50 °C IR sensor
ATEX: Equipment Group and Category II 1G, Ex ia IIC, Ga, T4
Equipment Group and Category II 2G, Ex d ia IIC, Gb, T4, IR sensor
China CPC: CPA 2017-C103
China Ex: Ex ia IIC T4 Ga, -40 °C ≤ Ta ≤ 50 °C, Ex d ia IIC T4 Gb IR sensor, -20 °C ≤ Ta ≤ 50 °C IR sensor
CSA: C I, Div 1, Gr A-D, T4; C I, Zone 1, Ex d ia IIC, T4 | C22.2
No. 152 for % LEL reading only | 70046111
IECEc: Ex ia IIC T4 Ga, -40 °C ≤ Ta ≤ 50 °C
Ex d ia IIC T4 Gb IR sensor, -20 °C ≤ Ta ≤ 50 °C IR sensor
INMETRO: Ex ia IIC T4 Ga, -40 °C ≤ Ta ≤ 50 °C
Ex d ia IIC T4 Gb IR sensor, -20 °C ≤ Ta ≤ 50 °C IR sensor
KC: Ex d ia IIC T4
MSHA: 30 CFR Part 22; Permissible for underground mines
NCC: NCC/TSNI/WN/TA/CERT/3139/2019
PA-DEP: BFE 46-12 Permissible for PA Bituminous underground mines
UL: C I, Div 1, Gr A-D, T4; C II, Div 1, Gr E-G, T4
C I, Zone 0, AEx ia IIC, T4; C I, Zone 1, AEx d ia II C, T4, IR sensor

Build and price your Ventis Pro5 online with the Instrument Builder
www.indsci.com/VentisProBuilder

* 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.