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.
- 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 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 &amp; Configuration Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>LEL (CH₄% Vol)</td>
</tr>
<tr>
<td>LEL (Methane) CO/H₂ Low</td>
</tr>
<tr>
<td>LEL (Pentane) CO/H₂S</td>
</tr>
<tr>
<td>O₂</td>
</tr>
<tr>
<td>H₂S</td>
</tr>
<tr>
<td>Cl₂</td>
</tr>
</tbody>
</table>

Specifications Sheet

SPECIFICATIONS*  
WARRANTY  
Guaranteed for Life™. Warranted for as long as the instrument is supported by Industrial Scientific Corporation (Excludes sensors, batteries, and filters). Pump and O₂, LEL, CO, and H₂S sensors warranted for four years. PID sensor warranted for one year. All other sensors and batteries 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  
60 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  
104 x 58 x 61 mm (4.1 x 2.3 x 2.4 in) with wi-fi and cellular 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  
247 g (8.7 oz) typical, with cellular battery

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)

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)  
(14 hours typical @ 20 °C) with LEL  
Rechargeable Cellular Lithium-ion battery (no Pump option)  
(14 hours typical @ 20 °C) with LEL
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
\( \text{O}_2, \text{CO}, \text{CO}/\text{H}_2, \text{low; H}_2, \text{HCN, NH}_3, \text{NO}, \text{PH}_3, \text{SO}_2, \text{CI}_2, \) – Electrochemical
\( \text{CO}, \text{CH}_4, \text{CO}/\text{LEL}, \text{CO}/\text{CH}_4, \text{HC} – \text{infrared, PID, ULP IR CH}_4, \text{ULP IR HC} \)

SENSORS
Radio Equipment Directive (R.E.D.)
Cellular: TDRA

MEASURING RANGES
CATALYTIC BEAD
Combustible Gases: 0-100% LEL in 1% increments
Methane (\( \text{CH}_4 \)): 0-5% of vol in 0.1% increments

ELECTROCHEMICAL
Ammonia (\( \text{NH}_3 \)): 0-500 ppm in 1 ppm increments
Carbon Monoxide (\( \text{CO} \)): 0-2,000 ppm in 1 ppm increments
Carbon Monoxide (\( \text{CO}/\text{CH}_4 \)): 0-1,500 ppm in 1 ppm increments
Hydrogen Sulfide (\( \text{H}_2\text{S} \)): 0-600 ppm in 0.1 ppm increments
Chlorine (\( \text{Cl}_2 \)): 0-50 ppm in 0.1 ppm increments
Hydrogen Sulfide (\( \text{H}_2\text{S} \)): 0-500 ppm in 0.1 ppm increments
Hydrogen Cyanide (\( \text{HCN} \)): 0-30 ppm in 0.1 ppm increments
Nitrogen Dioxide (\( \text{NO}_2 \)): 0-150 ppm in 0.1 ppm increments
Oxygen (\( \text{O}_2 \)): 0-30% of vol in 0.1% increments

LENS: TDRA

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

CERTIFICATIONS
INGRESS PROTECTION IP68
ANZE: Ex ia I Ma/Ex ia IIC T4 Ga, -40 °C ≤ Ta ≤ 50 °C
Ex d ia I Mb/Ex 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: CI I, Div 1, Gr A-D, T4, CI I, Zone 1, Ex d ia IIC, T4 | C22.2
 No. 152 for % LEL reading only | 70046111
IEEx: CI I, Zone 0, Ex ia IIC, Ga, T4; CI I, Zone 1, Ex d ia IIC, T4, GB, T4, 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/TSN/WN/T/TA/CERT/3139/2019
PA-DEP: BFE 46-12 Permissible for PA Bituminous underground mines
UL: CI I, Div 1, Gr A-D, T4, CI II, Div 1, Gr E-G, T4
CI I, Zone 0, AEx d ia IIC, T4, CI I, Zone 1, AEx d ia II C, T4, IR sensor

* 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.
† Contact sales representative for country-specific wireless approvals and certifications.

LANGUAGE
English, French, Spanish, German, Italian, Dutch, Portuguese, Polish

SUPPLIED WITH MONITOR
Calibration Cup (without Pump), Sample Tubing (with Pump), Reference Guide

COMMUNICATIONS
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

Cellular
United States: LTE CAT M1 (AT&T, Verizon)
Canada: LTE CAT M1 (Bell, Trels, Telus)
EMEA: LTE CAT M1 (Tele2)
UAE: LTE CAT M1 (Etisalat - E&)

Wi-fi
802.11 b/g/n 2.4GHz wi-fi with WPA2 security

CERTIFICATIONS
AMERICAS
Cellular: FCC, ISED – Canada, PTCRB, AT&T and Verizon
Wi-fi: FCC, ISED – Canada
LENS: FCC, ISED – Canada

EUROPE
Wi-fi: Radio Equipment Directive (R.E.D.)
LENS: Radio Equipment Directive (R.E.D.)

UAЕ
Cellular: TDRA
Wi-fi: TDRA
LENS: TDRA

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