VENTIS™
Pro Series

5 REASONS
to Go Pro!

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: Ready for the moment and Guaranteed for Life™.

INDUSTRIAL
SCIENTIFIC

www.indsci.com/ventispro

FLEXIBLE SENSOR
Configurations

Unique four-gas and expanded five-gas sensor and pump options give you flexibility to configure the instrument for personal protection or confined space applications.

GUARANTEED
FOR LIFE

An IP68 rating for dust and water ingress and Guaranteed for Life™ warranty ensure your instruments stand the test of time in a range of industrial settings.

*See specifications chart for full warranty details.

INDUSTRIAL
SCIENTIFIC

3.

Alarm Action
MESSAGES

Messages like "EVACUATE" or "VENTILATE" simplify the user response by providing clear instructions when an instrument goes into alarm.

SO2 5.0 ppm

EVACUATE

INDUSTRIAL SCIENTIFIC

4.

iASSIGN™
Technology

Assign users and sites to an instrument in real time, improve asset management, and receive data about what hazards were encountered where and when.

5.

PANIC BUTTON &
Man-Down Alarm

React to more than just gas hazards with a dedicated panic button and man-down alarms that alert nearby workers when someone is in distress or has lost consciousness.

SEE REVERSE SIDE
for Technical Information

- Sensor Chart
- Specifications
- Confined Space Information
- Maintaining Your Ventis Pro
- Online Resources

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VENTIS™
Pro Series

5 STEPS
to Choose
Your
VENTIS PRO

Select the monitor, sensors, and accessories that best fit your needs.

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Step 1: What Gases Will You Need to Monitor?

DETECTION CAPABILITIES	VENTIS™ Pro4	VENTIS™ Pro5
Simultaneous Gases	Four	Five
O_2	✓	✓
LEL/CH_4	✓	✓
CO	✓	✓
H_2S	✓	✓
SO_2	✓	✓
NO_2	✓	✓
CO/H_2 Low	✓	✓
HCN	✓	✓
NH_3		✓
CO/H_2S		✓
CO_2/HC IR		✓
CO_2/CH_4 IR		✓

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Step 2: Ensure the Ventis Pro Specifications Meet Your Needs

WARRANTY:
Guaranteed for Life. Warranted for as long as the instrument is supported by Industrial Scientific Corporation (excludes sensors, batteries, and filters). O_2, LEL, CO, and H_2S sensors warranted for three years. All other sensors warranted for two years. Pumps 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 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

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)

POWER SOURCE/RUN TIME:
Rechargeable lithium-ion battery pack with LEL
  (12 hours typical @ 20 ºC) – without pump
Rechargeable extended-range lithium-ion battery pack with LEL
  (24 hours typical @ 20 ºC) – without pump
  (18 hours typical @ 20 ºC) – with pump
Rechargeable lithium-ion battery pack with IR
  (36 hours typical @ 20 ºC) – without pump
Rechargeable extended-range lithium-ion battery pack with IR
  (72 hours typical @ 20 ºC) – without pump
  (32 hours typical @ 20 ºC) – with pump

ALARMS:
Four visual alarm LEDs (two red, two blue);
95 decibel (dB) audible alarm at a distance of 10 cm (3.94");
Vibration alarm

REFERENCE GUIDE LANGUAGE:
  English (1), French (2), Spanish (3), German (4)

SENSORS:
Combustible Gases/Methane – Catalytic Diffusion
O_2, CO, CO/H_2 low, H_2S, HCN, NH_3, NO_2, SO_2 – Electrochemical
CO_2/HC, CO_2/CH_4 – Infrared

MEASURING RANGES:

CATALYTIC BEAD
Combustible Gases:	0-100% LEL in 1% increments
Methane (CH_4):	0-5% of vol. in 0.01% increments

ELECTROCHEMICAL
Ammonia:	0-500 ppm in 1 ppm increments
Carbon Monoxide (CO):	0-2,000 ppm in 1 ppm increments
Carbon Monoxide (CO/H_2 low):	0-1,000 ppm in 1 ppm increments
Carbon Monoxide/Hydrogen Sulfide:	CO: 0-1,500 ppm in 1 ppm increments
	H_2S: 0-500 ppm in 0.1 ppm increments
Hydrogen Sulfide (H_2S):	0-500 ppm in 0.1 ppm increments
Hydrogen Cyanide:	0-30 ppm in 0.1 ppm increments
Nitrogen Dioxide (NO_2):	0-150 ppm in 0.1 ppm increments
Oxygen (O_2):	0-30% of vol. in 0.1% increments
Sulfur Dioxide (SO_2):	0-150 ppm in 0.1 ppm increments

INFRARED
Carbon Dioxide/Hydrocarbons:	CO_2: 0-5% vol in 0.01% increments
	HC: 0-100% LEL in 0.01% increments
Carbon Dioxide/Methane:	CO_2: 0-5% vol in 0.01% increments
	CH_4: 0-5% vol in 0.01% increments
	CH_4: 5-100% vol in 0.1% increments

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

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

Step 3: Will You Use the Ventis Pro to Monitor Confined Spaces?

Ventis Pro Series Confined Space Kits Include: Ventis Pro Series instrument with integral pump, desktop charger, reference guide, calibration tubing with T-fitting, dust filter/water stop, sample tubing, calibration gas (appropriate mix) with manual regulator, and rugged hard plastic case.

CONFINED SPACE KITS

Ventis Pro4 Confined Space Kit – LEL (Pent), CO, H_2S, O_2

Ventis Pro4 Confined Space Kit – LEL (Pent), CO/H_2 Low, H_2S, O_2

Ventis Pro4 Confined Space Kit – LEL (Pent), CO, O_2

Ventis Pro4 Confined Space Kit – LEL (Pent), O_2

Ventis Pro4 Confined Space Kit – LEL (Pent), H_2S, O_2

Ventis Pro4 Confined Space Kit – LEL (Pent), CO, HCN, O_2

Ventis Pro5 Confined Space Kit – LEL (Pent), CO/H_2S, SO_2, O_2

Ventis Pro5 Confined Space Kit – LEL (Pent), CO/H_2S, NO_2, O_2

Ventis Pro5 Confined Space Kit – LEL (Pent), CO/H_2S, NH_3, O_2

For a List of All Accessories, Visit:
www.indsci.com/ventispro

Step 4: How Will You Maintain Your Ventis Pro?

DSX™ DOCKING STATION

Bump, calibrate, and charge with the DSX Docking Station. Where do you want to store your data?

DSX
STANDALONE

Out-of-the-box solution, does not require PC or network configuration

DSXi
CLOUD-CONNECTED

Automated maintenance, record storage, and fleet management

DSX-L
LOCAL SERVER

Automatically store data behind your network firewall

3 REASONS TO CHOOSE INDUSTRIAL SCIENTIFIC CAL GAS

1. NIST Traceable – Passed highest level of testing to ensure accuracy

2. Cylinder Size – Cylinders from 11 liters to 4,000 liters so you can save money by choosing the lowest cost-per-liter option

3. Auto Cal Gas Replenishment – For DSXi and iNet customers, new cylinders will be shipped to you before you run out of gas

DON'T FORGET YOUR CAL GAS REGULATOR
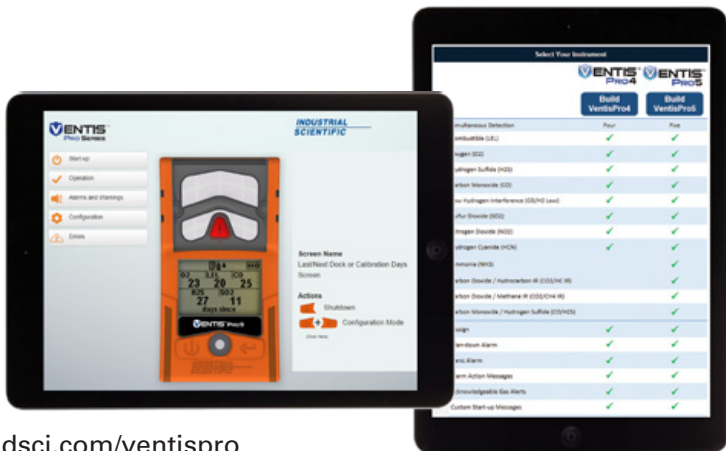
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Step 5: Visit Our Instrument Simulator or Build Your Ventis Pro Online

Test Drive the Ventis Pro
With the Instrument Simulator

www.indsci.com/VentisProSimulator

Build and Price Your Ventis Pro Online
With the Instrument Builder

www.indsci.com/VentisProBuilder

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