



Stop carrying multiple instruments to meet your gas detection needs. The Ventis™ Pro Series has you covered whether you need unique four-gas or expanded five-gas sensor options—all in the most configurable multi-gas monitors on the market.

- Flexible sensor configurations detect up to five gases
- With integral pump for confined spaces or without integral pump for personal protection
- Custom start-up messages, alarm action messages, and acknowledgeable gas alerts
- Man-down alarm and dedicated panic button
- User and site tracking with iAssign™ Technology
- Rugged IP68 dust and water rating and Guaranteed for Life™ warranty\*
- Compatible with most Ventis™ MX4 accessories
- Dock overdue and maintenance reminders
- iNet® and docking station ready

## What Gases Will You Need to Monitor?

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

\*See specifications chart for full warranty details.





## How Will You Maintain Your Ventis Pro4?



SELECT A MONITOR	MONITOR PART #	DOCKING STATION	CALIBRATION GAS 116L	DEMAND FLOW REGULATOR
Ventis Pro4 – LEL (Pent), CO, H <sub>2</sub> S, O <sub>2</sub> , Li-ion, Desktop Charger, Orange	VP4-K1231101y0z	18109327-131	18109157	18105841
Ventis Pro4 with Pump – LEL (Pent), CO, H <sub>2</sub> S, O <sub>2</sub> , Extended Li-ion, Desktop Charger, Black	VP4-K1232110y0z	18109327-131	18109157	18105841
Ventis Pro4 – LEL (Pent), SO <sub>2</sub> , H <sub>2</sub> S, O <sub>2</sub> , Li-ion, Desktop Charger, Orange	VP4-K5231101y0z	18109327-131	18109234	18105841
Ventis Pro4 – LEL (Pent), CO, NO <sub>2</sub> , O <sub>2</sub> , Li-ion, Desktop Charger, Orange	VP4-K1431101y0z	18109327-131	18109236	18105841
Ventis Pro4 – LEL (Pent), CO, HCN, O <sub>2</sub> , Li-ion, Desktop Charger, Orange	VP4-K1B31101y0z	18109327-131	18109157, 18109085	18105841 x2
Ventis Pro4 with Pump – LEL (Pent), CO, HCN, O <sub>2</sub> , Extended Li-ion, Desktop Charger, Orange	VP4-K1B32111y0z	18109327-131	18109157, 18109085	18105841 x2

## How Will You Maintain Your Ventis Pro5?



SELECT A MONITOR	MONITOR PART #	DOCKING STATION	CALIBRATION GAS 116L	DEMAND FLOW REGULATOR
Ventis Pro5 with Pump – LEL (Pent), CO/H <sub>2</sub> S, SO <sub>2</sub> , O <sub>2</sub> , Extended Li-ion, Desktop Charger, Orange	VP5-KJ532111y0z	18109327-131	18109234	18105841
Ventis Pro5 – LEL (Pent), CO/H <sub>2</sub> S, NO <sub>2</sub> , O <sub>2</sub> , Li-ion, Desktop Charger, Orange	VP5-KJ431101y0z	18109327-131	18109157, 18109084	18105841 x2
Ventis Pro5 with Pump – LEL (Pent), CO/H <sub>2</sub> S, NH <sub>3</sub> , O <sub>2</sub> , Extended Li-ion, Desktop Charger, Black	VP5-KJ632110y0z	18109327-131	18109157, 18109081	18105841 x2
Ventis Pro5 with Pump – CO <sub>2</sub> /HC IR, CO, H <sub>2</sub> S, O <sub>2</sub> , Extended Li-ion, Desktop Charger, Black	VP5-U1232110y0z	18109327-131	18109188, 18102913 (103L), 18101584 (103L)	18105841 x3

y = Agency Certification: 1 = UL/CSA, 2 = ATEX/IECEx | z = Language for included Reference Guide: 1 = EN, 2 = FR, 3 = ES, 4 = DE

Charts show most common configurations. To build your custom order, visit our online instrument builder or contact your local distributor.





## Will You Use the Ventis Pro to Monitor Confined Spaces?

### CONFINED SPACE KITS WITH INTEGRAL PUMP

PART NO.	DESCRIPTION
V4K-K123211xy0z	Ventis Pro4 Confined Space Kit – LEL (Pent), CO, H <sub>2</sub> S, O <sub>2</sub>
V4K-KG23211xy0z	Ventis Pro4 Confined Space Kit – LEL (Pent), CO/H <sub>2</sub> low, H <sub>2</sub> S, O <sub>2</sub>
V4K-K103211xy0z	Ventis Pro4 Confined Space Kit – LEL (Pent), CO, O <sub>2</sub>
V4K-K003211xy0z	Ventis Pro4 Confined Space Kit – LEL (Pent), O <sub>2</sub>
V4K-K023211xy0z	Ventis Pro4 Confined Space Kit – LEL (Pent), H <sub>2</sub> S, O <sub>2</sub>
V4K-K1B3211xy0z	Ventis Pro4 Confined Space Kit – LEL (Pent), CO, HCN, O <sub>2</sub>
V5K-KJ53211xy0z	Ventis Pro5 Confined Space Kit – LEL (Pent), CO/H <sub>2</sub> S, SO <sub>2</sub> , O <sub>2</sub>
V5K-KJ43211xy0z	Ventis Pro5 Confined Space Kit – LEL (Pent), CO/H <sub>2</sub> S, NO <sub>2</sub> , O <sub>2</sub>
V5K-KJ63211xy0z	Ventis Pro5 Confined Space Kit – LEL (Pent), CO/H <sub>2</sub> S, NH <sub>3</sub> , O <sub>2</sub>



### 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.

x = Instrument Color: 0 = Black, 1 = Safety Orange  
 y = Agency Certification: 1 = UL/CSA, 2 = ATEX/IECEX  
 z = Documentation Language: 1 = EN, 2 = FR, 3 = ES, 4 = DE

## What Accessories Best Fit Your Needs?

### CHECKLIST

- |  |  |  |
|--|--|--|
| <input type="checkbox"/> Docking Stations                      | <input type="checkbox"/> Probes              | <input type="checkbox"/> Desktop Chargers    |
| <input type="checkbox"/> Calibration Stations                  | <input type="checkbox"/> Sample Tubing       | <input type="checkbox"/> Vehicle Chargers    |
| <input type="checkbox"/> iAssign Tags                          | <input type="checkbox"/> Confined Space Kits | <input type="checkbox"/> Multi-Unit Chargers |
| <input type="checkbox"/> Accessory Labels for Asset Management | <input type="checkbox"/> Spare Batteries     | <input type="checkbox"/> Carrying Cases      |
|  | <input type="checkbox"/> Replacement Sensors | <input type="checkbox"/> Filters             |

## SPECIFICATIONS\*

### WARRANTY:

Guaranteed for Life. Warranted for as long as the instrument is supported by Industrial Scientific Corporation (excludes sensors, batteries, and filters). O<sub>2</sub>, LEL, CO, and H<sub>2</sub>S 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 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

### 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 °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

### 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

O<sub>2</sub>, CO, CO/H<sub>2</sub> low, H<sub>2</sub>S, HCN, NH<sub>3</sub>, NO<sub>2</sub>, SO<sub>2</sub> – Electrochemical

CO<sub>2</sub>/HC, CO<sub>2</sub>/CH<sub>4</sub> – Infrared

### MEASURING RANGES:

#### CATALYTIC BEAD

Combustible Gases:

0-100% LEL in 1% increments

Methane (CH<sub>4</sub>):

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<sub>2</sub> low):

0-1,000 ppm in 1 ppm increments

Carbon Monoxide/Hydrogen Sulfide:

CO: 0-1,500 ppm in 1 ppm increments

H<sub>2</sub>S: 0-500 ppm in 0.1 ppm increments

Hydrogen Sulfide (H<sub>2</sub>S):

0-500 ppm in 0.1 ppm increments

Hydrogen Cyanide:

0-30 ppm in 0.1 ppm increments

Nitrogen Dioxide (NO<sub>2</sub>):

0-150 ppm in 0.1 ppm increments

Oxygen (O<sub>2</sub>):

0-30% of vol in 0.1% increments

Sulfur Dioxide (SO<sub>2</sub>):

0-150 ppm in 0.1 ppm increments

#### INFRARED

Carbon Dioxide/Hydrocarbons:

CO<sub>2</sub>: 0-5% vol in 0.01% increments

HC: 0-100% LEL in 1% increments

Carbon Dioxide/Methane:

CO<sub>2</sub>: 0-5% vol in 0.01% increments

CH<sub>4</sub>: 0-5% vol in 0.01% increments

CH<sub>4</sub>: 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 IIC, 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

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

## Notes

**INDUSTRIAL  
SCIENTIFIC**

[www.indsci.com/ventispro](http://www.indsci.com/ventispro)

### AMERICAS

Phone: +1-412-788-4353 | Fax: +1-412-788-8353

1-800-DETECTS (338-3287) North America

[info@indsci.com](mailto:info@indsci.com)

### ASIA PACIFIC

Phone: +65-6561-7377

Fax: +65-6561-7787

[info@ap.indsci.com](mailto:info@ap.indsci.com)

### EMEA

Phone: +33 (0)1 57 32 92 61

Fax: +33 (0)1 57 32 92 67

[info@eu.indsci.com](mailto:info@eu.indsci.com)