



Ordering Guide



When you need a 4-gas monitor that will adapt to meet your needs, Ventis® MX4 is there. The lightweight instrument offers the portability and size of a single-gas instrument while delivering multi-gas protection. Use the incredibly configurable Ventis MX4 with a DSXi Docking Station to unlock the management tools found only in Industrial Scientific's iNet® Control software. Ventis MX4 adapts to meet your needs. Start by selecting from a long list of configuration options:

- Choose from one to four gases with a wide range of sensor options, including combustible gases, methane, oxygen, carbon monoxide, hydrogen sulfide, nitrogen dioxide, and sulfur dioxide.
- Whether you're performing daily confined space entries, wearing the instrument for personal protection, or anywhere in between, there is a Ventis MX4 that's right for you. Select from a pumped instrument, a non-pumped instrument, or use the Ventis® Slide-on Pump to quickly convert back and forth.
- Select your run time thanks to your choice of three batteries. With 12-hour, 18-hour, or 20-hour batteries available for non-pumped instruments, Ventis MX4 fits your working conditions.
- Better manage your fleet by choosing a safety orange overmold or black overmold.
- Powerful settings options allow the Ventis MX4 to fit with your safety processes. Select your alarm set points, latch alarms, disable the ability to power off while the instrument is in alarm, and more.

**INDUSTRIAL
SCIENTIFIC**

Once you've selected your Ventis MX4 options, use a DSXi Docking Station to simplify maintenance and better manage your fleet of instruments. With iNet Control, track alarm history, know if your instruments are properly maintained, and use data to prevent incidents while maximizing efficiencies. Let the gas detection professionals at Industrial Scientific show you a better way to manage gas detection.





Which Ventis MX4 Configuration Do You Need?

SELECT A MONITOR	MONITOR PART #	DOCKING STATION	CALIBRATION GAS 116L	DEMAND FLOW REGULATOR
Ventis MX4, LEL (Pentane), CO, H ₂ S, O ₂ , Li-ion, Desktop Charger, Safety Orange	VTS-K1231101y0z	18109327-131	18109157	18105841
Ventis MX4, (Pentane), CO, H ₂ S, O ₂ , Slim Extended Li-ion, Desktop Charger, Safety Orange	VTS-K1234101y0z	18109327-131	18109157	18105841
Ventis MX4, (Pentane), CO, H ₂ S, O ₂ , Li-ion, Desktop Charger, Black	VTS-K1231100y0z	18109327-131	18109157	18105841
Ventis MX4, (Pentane), CO, H ₂ S, O ₂ , Slim Extended, Li-ion, Desktop Charger, Black	VTS-K1234100y0z	18109327-131	18109157	18105841
Ventis MX4 with pump, (Pentane), CO, H ₂ S, O ₂ , Extended Li-ion, Desktop Charger, Black	VTS-K1232110y0z	18109327-131	18109157	18105841

y = Agency Certification: 1 = UL/CSA, 2 = ATEX/IECEx, 3 = MSHA, 4 = ANZEx, 5 = CHINA EX, 6 = China MA, 7 = GOST-R/GOST-K, 8 = KOSHA, 9 = INMETRO, A = MED, B = SANS 1515, C = CHINA KA, D = TIIS

z = Language: 1 = EN, 2 = FR, 3 = ES, 4 = DE, 5 = ITA, 6 = DUT, 7 = PT, 9 = RUS, A = POL, B = CZE, C = CN, D = DAN, E = NOR, F = FIN, G = SWE, J = JPN

Which Accessories Will You Need?

CHECKLIST

- | | | |
|--|--|--|
| <input type="checkbox"/> Docking Stations | <input type="checkbox"/> Sample Tubing | <input type="checkbox"/> Vehicle Chargers |
| <input type="checkbox"/> Calibration Stations | <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"/> Compliance Tracking Software (iNet Control) | <input type="checkbox"/> Replacement Sensors | <input type="checkbox"/> Filters |
| | <input type="checkbox"/> Desktop Chargers | <input type="checkbox"/> Probes |



CONFINED SPACE KITS WITH SLIDE-ON PUMP

PART NO.	DESCRIPTION
VKVSP4-K11111	Ventis Confined Space Kit – LEL (Pentane), CO, H ₂ S, O ₂ , Safety Orange, Li-ion Ventis Battery, Li-ion Pump Battery, UL/CSA, English
VKVSP4-L01111	Ventis Confined Space Kit – LEL (Methane), CO, H ₂ S, O ₂ , Black, Li-ion Ventis Battery, Li-ion Pump Battery, UL/CSA, English
VKVSP4-K11211	Ventis Confined Space Kit – LEL (Pentane), CO, H ₂ S, O ₂ , Safety Orange, Li-ion Ventis Battery, Ext. Range Li-ion Pump Battery, UL/CSA, English

Ventis MX4 Confined Space Kits with Slide-on Pump Include: Ventis with LEL, CO, H₂S, and O₂ sensors, Ventis Slide-on Pump, 110 VAC desktop charger for each rechargeable instrument ordered (max of 2), calibration cup and tubing with T-fitting, dust filter/water stop, 10 feet of sample tubing, 34 liter cylinder of calibration gas, manual regulator, rugged hard plastic carrying case



CONFINED SPACE KITS WITH INTEGRAL PUMP

PART NO.	DESCRIPTION
VK-K123211xy1z	Ventis Confined Space Kit – LEL, CO, H ₂ S, O ₂
VK-K103211xy1z	Ventis Confined Space Kit – LEL, CO, O ₂
VK-K023211xy1z	Ventis Confined Space Kit – LEL, H ₂ S, O ₂
VK-K003211xy1z	Ventis Confined Space Kit – LEL, O ₂

Ventis MX4 Confined Space Kits with Integral Pump Include: Ventis with integral pump, universal charger, soft carrying case, reference guide, calibration tubing, dust filter/water stop, calibration fitting, sample tubing, calibration gas (appropriate mix) with regulator, rugged hard plastic case.

x = Instrument Color: 0 = Black, 1 = Safety Orange

y = Agency Certification: 1 = UL/CSA, 2 = ATEX/IECEx, 3 = MSHA, 4 = ANZEx, 5 = CHINA EX, 7 = GOST-R/GOST-K, 8 = KOSHA, 9 = INMETRO, A = MED, D = TIIS

z = Language: 1 = EN, 2 = FR, 3 = ES, 4 = DE, 5 = ITA, 6 = DUT, 7 = PT, 9 = RUS, A = POL, B = CZE, C = CN, D = DAN, E = NOR, F = FIN, G = SWE, J = JPN

The Ventis® Slide-on Pump

The Ventis® Slide-on Pump is ideally suited for operators who wear their gas monitors primarily for personal protection but occasionally require a pump for confined space entries. Available in black or safety orange and powered by its own battery, the slide-on pump is compatible with the Ventis MX4 and Ventis® Pro Series Multi-Gas Monitor.



- **Convenient Sampling** – Sample draw distance of up to 50 feet provides convenient sampling in a wide range of applications
- **Easy to Attach** – No tools are required to attach or remove the Ventis Slide-on Pump to or from the monitor
- **Uses Same Batterys and Chargers as Ventis** – Monitor and pump each use the same batterys, and can easily be exchanged between instruments
- **Flexible Battery Options** – Three available battery options make this pump extremely flexible in the field

Build and Price Your Ventis MX4 Online
With the Instrument Builder
www.indsci.com/VentisBuilder

SPECIFICATIONS*

WARRANTY

Two-year warranty, including sensors and battery

CASE MATERIAL

Polycarbonate with protective rubber overmold

DIMENSIONS

103 x 58 x 30 mm (4.1 x 2.3 x 1.2 in) without pump, lithium-ion battery version

172 x 67 x 66 mm (6.8 x 2.6 x 2.6 in) with pump, lithium-ion battery version

WEIGHT

182 g (6.4 oz) lithium-ion battery version

380 g (13.4 oz) with pump, lithium-ion battery version

POWER SOURCE/RUN TIME

Rechargeable slim extended lithium-ion battery

(18 hours typical @ 20 °C) without pump

Rechargeable lithium-ion battery

(12 hours typical @ 20 °C) without pump

Rechargeable extended-range lithium-ion battery

(20 hours typical @ 20 °C) without pump

(12 hours typical @ 20 °C) with pump

Replaceable AAA alkaline battery

(8 hours typical @ 20 °C) without pump

(4 hours typical @ 20 °C) with pump

ALARMS

Ultra-bright LEDs, loud audible alarm (95 dB at 30 cm) and vibrating alarm

DISPLAY/READOUT

Backlit liquid crystal display (LCD)

TEMPERATURE RANGE

-20 °C to 50 °C (-4 °F to 122 °F) **

HUMIDITY RANGE

15% to 95% Non-condensing (continuous)

SENSORS

Combustible gases/methane – Catalytic Bead

O₂, CO, CO/H₂ low, H₂S, NO₂, SO₂ – Electrochemical

MEASURING RANGES

Combustible Gases:	0-100% LEL in 1% increments
Methane (CH ₄):	0-5% of vol in 0.01% increments
Oxygen (O ₂):	0-30% of vol in 0.1% increments
Carbon Monoxide (CO/H ₂ low):	0-1,000 ppm in 1 ppm increments
Carbon Monoxide (CO):	0-1,000 ppm in 1 ppm increments
Hydrogen Sulfide (H ₂ S):	0-500 ppm in 0.1 ppm increments
Nitrogen Dioxide (NO ₂):	0-150 ppm in 0.1 ppm increments
Sulfur Dioxide (SO ₂):	0-150 ppm in 0.1 ppm increments

CERTIFICATIONS

INGRESS PROTECTION IP66/67

ANZEx: Ex ia s Zone 0 I/IIC T4

ATEX: Ex ia IIC T4 Ga and Ex ia I Ma; Equipment Group and Category II 1G/I M1

China CMC: Metrology approval

China CPC: CPA 2017-C103

China Ex: Ex ia IIC T4 Ga; Ex ia d I Mb

China KA: Approved for Underground Mines with CO, H₂S, O₂ and CH₄

China MA: Approved for Underground Mines with CO, H₂S, O₂ and CH₄
(Note: Diffusion 17144453 pack only)

CSA: CI I, Div 1, G A-D, T4; Ex d ia IIC T4

EAC: PB Ex d ia I X/1Ex d ia IIC T4 X

IECEx: Ex ia IIC T4 Ga

INMETRO: Ex ia IIC T4 Ga

KC: Ex d ia IIC T4

KIMM: Ex d ia IIC T4

MED: Portable Multi-Gas Detector; Category 2 (MED 96/98/EC; MED 2012/32/EU Marine Directive) Li-ion

MSHA: 30 CFR Part 22; Permissible for underground mines; Li-ion

PA-DEP: BFE 46-12 Permissible for PA Bituminous Underground Mines; Charger/docking station accessories; Category 1

SANS: SANS 1515-1; Type A; Ex ia I/IIC T4; Li-ion

TIIS: Ex ia IIC T4 X

UL: CI I, Div 1, Groups A-D, T4; Zone 0, AEx ia IIC T4;

CI II, Gr F-G (Carbonaceous and Grain dust)

SUPPLIED WITH MONITOR

Calibration Cup (without pump), Sample Tubing (with pump), Reference Guide

LANGUAGE

English (1), French (2), Spanish (3), German (4), Italian (5), Dutch (6), Portuguese (7), Russian (9), Polish (A), Czech (B), Chinese (C), Danish (D), Norwegian (E), Finnish (F), Swedish (G), Japanese (J)

* 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.



For a list of classes, videos, or to download the GDME App, visit

www.indsci.com/training

บริษัท เอ็นเทค แอสโซซิเอท จำกัด

17/121 ซอยงามวงศ์วาน 47 แยก 48 แขวงทุ่งสองห้อง เขตหลักสี่ กรุงเทพฯ 10210

Tel : 0-2779-8888 Fax : 0-2779-8899 Email : info@entech.co.th www.facebook.com/entechfanpage Line ID: @entech



ENTECH
Difference For Greater Value