



## VENTIS® MX4 MULTI-GAS MONITOR

The Ventis® MX4 is a four-gas monitor with the portability and size of a single-gas monitor. Eliminate the need for extra monitors and transition seamlessly from personal monitoring to confined space entry with the Ventis® Slide-on Pump—ideal for operators who wear their gas monitors primarily for personal protection but occasionally require a pump for confined space entries.

- Detect up to four gases with a wide range of sensor options
- Select alarm set points, set latch alarms, disable instrument shutdown while in alarm, and more
- Save time and reduce human error with maintenance and usage data available from iNet Control software
- Available with or without an integral pump, or with the Ventis Slide-on Pump for ultimate flexibility
- Non-pumped instruments compatible with 12-hour, 18-hour, or 20-hour batteries

See all features and benefits at  
[www.indsci.com/ventis-mx4](http://www.indsci.com/ventis-mx4)



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### SPECIFICATIONS\*

#### WARRANTY

Monitor, pump (if applicable), CO, H<sub>2</sub>S, O<sub>2</sub>, and LEL sensors have a four-year warranty. All other sensors and batteries are warranted for two years.

#### 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) without Pump, 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 AND MEASURING RANGES

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

#### SUPPLIED WITH MONITOR

Calibration Cup (without Pump), Sample Tubing (with Pump)

\*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.



**VENTIS MX4 MOST COMMON INSTRUMENT CONFIGURATIONS**

PART NO.	DESCRIPTION
VTS-K1234100y0z	Ventis MX4, LEL, CO, H <sub>2</sub> S, O <sub>2</sub> , Slim Extended Li-ion, Desktop Charger, Black
VTS-K1232111y0z	Ventis MX4 with Pump, LEL, CO, H <sub>2</sub> S, O <sub>2</sub> , Extended Li-ion, Desktop Charger, Safety Orange
VTS-K1034100y1z	Ventis MX4, LEL, CO, O <sub>2</sub> , Slim Extended Li-ion, Desktop Charger, Soft Case, Black
VTS-K1032110y1z	Ventis MX4 with Pump, LEL, CO, O <sub>2</sub> , Extended Li-ion, Desktop Charger, Soft Case, Black
VTS-K5234101y0z	Ventis MX4, LEL, SO <sub>2</sub> , H <sub>2</sub> S, O <sub>2</sub> , Slim Extended Li-ion, Desktop Charger, Safety Orange
VTS-K1434100y1z	Ventis MX4, LEL, CO, NO <sub>2</sub> , O <sub>2</sub> , Slim Extended Li-ion, Desktop Charger, Soft Case, Black
VTS-K1432111y0z	Ventis MX4 with Pump, LEL, CO, NO <sub>2</sub> , O <sub>2</sub> , Extended Li-ion, Desktop Charger, Safety Orange

y = Agency Certification: 1 = UL/CSA, 2 = ATEX/IECEx, 3 = MSHA, 4 = ANZEx, 5 = China Ex, 7 = EAC(GOST-R/GOST-K), 8 = KC(HOSHA), 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



**Ventis MX4 Confined Space Kits Include:** Choice of Ventis MX4 with pump monitor, desktop charger, carrying case, calibration tubing, dust filter/water stop, calibration fitting, sample tubing, calibration gas (appropriate mix) with regulator, rugged carrying case.

**VENTIS MX4 CONFINED SPACE KITS WITH INTEGRAL PUMP**

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

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 = EAC(GOST-R/GOST-K), 8 = KC(HOSHA), 9 = INMETRO, A = MED, D = TIIS  
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**VENTIS MX4 REPLACEMENT SENSORS**

PART NO.	DESCRIPTION
17134461	Replacement Sensor, Oxygen (O <sub>2</sub> )
17134479	Replacement Sensor, Hydrogen Sulfide (H <sub>2</sub> S)
17134487	Replacement Sensor, Carbon Monoxide (CO)
17155564	Replacement Sensor, Carbon Monoxide/Low Hydrogen Interference (CO/H <sub>2</sub> low)
17134495	Replacement Sensor, Combustible Gas (LEL/CH <sub>4</sub> )
17134503	Replacement Sensor, Nitrogen Dioxide (NO <sub>2</sub> )
17156917	Replacement Sensor, Combustible Gas (%LEL/CH <sub>4</sub> )*
17143595	Replacement Sensor, Sulfur Dioxide (SO <sub>2</sub> )
17156979	Replacement Sensor, Combustible Gas (%LEL/Isobutane C <sub>4</sub> H <sub>10</sub> )*

\* For use with the DSX Standalone.

**VENTIS MX4 ACCESSORIES**

PART NO.	DESCRIPTION
17152395	Internal Dust Filter/Water Stop for Ventis Slide-on Pump
18109561	Internal Dust Filter/Water Stop for Ventis with Pump (Pack of 5)
17152429	Ventis diffusion water barrier assembly
17120528	Suspender Clip
17152455	Calibration cup for diffusion instruments

**VENTIS MX4 PUMP CONVERSION KIT**

PART NO.	DESCRIPTION
Convert your Pumped Ventis MX4 to a Non-Pumped Instrument	
17152828-01	Ventis Conversion Kit, Ventis with Pump to Ventis, Black, UL/CSA/ATEX/IECEx/EAC/KC
17152828-04	Ventis Conversion Kit, Ventis with Pump to Ventis without Pump, Black, ANZEx
17152828-11	Ventis Conversion Kit, Ventis with Pump to Ventis, Safety Orange, UL/CSA/ATEX/IECEx/EAC/KC



**Ventis MX4 Confined Space Kits with Slide-on Pump Include:** Ventis with LEL, CO, H<sub>2</sub>S, and O<sub>2</sub> 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.

**VENTIS MX4 CONFINED SPACE KITS WITH SLIDE-ON PUMP**

PART NO.	DESCRIPTION
VKVSP4-ABCDEF	Ventis MX4 Confined Space Kit with Ventis Slide-on Pump (LEL, CO, H <sub>2</sub> S, O <sub>2</sub> )

A = LEL Sensor Calibration: K = Pentane, L = Methane  
 B = Instrument Color: 0 = Black, 1 = Safety Orange  
 C = Monitor Battery: 1 = Lithium-ion, 2 = Extended Range Lithium-ion, 3 = Alkaline  
 D = Pump Battery: 1 = Lithium-ion, 2 = Extended Range Lithium-ion  
 E = Agency Certification: 1 = UL/CSA, 2 = ATEX/IECEx, 3 = MSHA, 9 = INMETRO  
 F = 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

**VENTIS MX4 MOST COMMON CONFIGURATIONS OF CONFINED SPACE KITS WITH SLIDE-ON PUMP**

PART NO.	DESCRIPTION
VKVSP4-K11111	Ventis MX4 Confined Space Kit – LEL (Pentane), CO, H <sub>2</sub> S, O <sub>2</sub> , Orange, Li-ion Ventis Battery, Li-ion Pump Battery, UL/CSA, English
VKVSP4-L01111	Ventis MX4 Confined Space Kit – LEL (Methane), CO, H <sub>2</sub> S, O <sub>2</sub> , Black, Li-ion Ventis Battery, Li-ion Pump Battery, UL/CSA, English
VKVSP4-K11211	Ventis MX4 Confined Space Kit – LEL (Pentane), CO, H <sub>2</sub> S, O <sub>2</sub> , Orange, Li-ion Ventis Battery, Ext. Range Li-ion Pump Battery, UL/CSA, English