



## 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)

### 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 |