



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

SPECIFICATIONS*

WARRANTY

Monitor, pump (if applicable), CO, H₂S, O₂, 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 ₄):	0-5% of vol in 0.01% increments
Oxygen (O ₂):	0-30% of vol in 0.1% 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

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 ₂ S, O ₂ , Slim Extended Li-ion, Desktop Charger, Black
VTS-K1232111y0z	Ventis MX4 with Pump, LEL, CO, H ₂ S, O ₂ , Extended Li-ion, Desktop Charger, Safety Orange
VTS-K1034100y1z	Ventis MX4, LEL, CO, O ₂ , Slim Extended Li-ion, Desktop Charger, Soft Case, Black
VTS-K1032110y1z	Ventis MX4 with Pump, LEL, CO, O ₂ , Extended Li-ion, Desktop Charger, Soft Case, Black
VTS-K5234101y0z	Ventis MX4, LEL, SO ₂ , H ₂ S, O ₂ , Slim Extended Li-ion, Desktop Charger, Safety Orange
VTS-K1434100y1z	Ventis MX4, LEL, CO, NO ₂ , O ₂ , Slim Extended Li-ion, Desktop Charger, Soft Case, Black
VTS-K1432111y0z	Ventis MX4 with Pump, LEL, CO, NO ₂ , O ₂ , 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 REPLACEMENT SENSORS

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

* 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 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 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

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

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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.

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 ₂ S, O ₂)

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
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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 ₂ S, O ₂ , Orange, Li-ion Ventis Battery, Li-ion Pump Battery, UL/CSA, English
VKVSP4-L01111	Ventis MX4 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 MX4 Confined Space Kit – LEL (Pentane), CO, H ₂ S, O ₂ , Orange, Li-ion Ventis Battery, Ext. Range Li-ion Pump Battery, UL/CSA, English