



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



Specifications Sheet

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® Pro5 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 Batteries and Chargers as Ventis** – Monitor and pump each use the same batteries, 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

SPECIFICATIONS*

WARRANTY

The following components are warranted for four (4) years from the device's date of manufacture: monitor, pump, and CO/H₂S/O₂/LEL sensors. All other components are warranted for two (2) years from the device's date of manufacture.**

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

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

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

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

**The 4-year warranty is strictly limited to the enumerated components in devices manufactured after December 31, 2019. Warranted components in devices manufactured before January 1st, 2020 are warranted for two (2) years from the device's date of manufacture.

*** 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.



Whilst every effort has been made to ensure the accuracy of this specification, we cannot accept responsibility for damage, injury, loss or expense from errors or omissions. In the interest of technical improvement, this specification may be altered without notice.

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