

THE CONNECTED MULTI-GAS DETECTOR CONFIGURABLE FOR UP TO 5 GASES.

Ventis Pro detectors monitor the presence of oxygen and various toxic gases and combustibles. There are two types of version:

- Ventis Pro5 measuring up to 5 gases from a choice of 23 cells
- Ventis Pro4 measuring 4 types of gas from a choice of 14 cells

Equipped with LENS® (Linked Equipment Network for Safety) Wireless functionality, the Ventis Pro can operate as an equipment. This means that teams and their supervisors can share gas measurements alarms and other events via this wireless connection between Ventis Pro devices, Radius BZ1 beacons and compatible Industrial Scientific gateways.

Real-time connected security with iNet Now, which enables real-time monitoring and geolocation of teams. Thanks to alerts, zone supervisors can intervene quickly when needed, necessary.

iNet-compatible, the Ventis is highly modular and easy to adapt to your needs. iNet® connects gas detectors to cloud-based software, giving you real-time site analysis, worker status updates and comprehensive maintenance.



Pump version



Orange safety version

TECHNICAL DATA :

Dimensions : 104 x 58 x 36 mm (without pump), 172 x 67 x 65 mm (with pump)

Weight : 200g (without pump), 390g with pump

Temperature : - 20 to +50 °C

Humidity : 15 to 95% RH (non-condensing)

Alarms : Visual (2 blue LEDs and 2 red LEDs) audible (95 dB at a distance of 10 cm), and vibrating

Datalogging : Recording at 10s intervals, event storage for 90 days (alarms, errors, calibrations, bump-tests, etc.)

Average battery autonomy : 18h without pump (rechargeable Li-ion battery), 23h without pump and 18h with pump (LEL rechargeable lithium-ion battery), 72h without and 32h with pump (Rechargeable Lithium-ion long-life battery IR)

Protection class : IP68

Certification :

ATEX: II 1G, Ex ia IIC, Ga, T4 | II 2G, Ex d ia IIC, Gb (with IR cell)

UL: Class I, division 1, groups A-D, T4; Class II, division 1, groups E-G, T4

Class I, Zone 0, AEx ia IIC, T4; Class I, Zone 1, AEx d ia IIC, T4, IR cell

Warranty : 2 years (except O₂, LEL, CO and H₂S cells for 3 years)

CELL CHARACTERISTICS :

Gas	Ventis Pro4	Ventis Pro5	Measurement range	Resolution
Concurrently	4	5		
LEL/CH ₄	✓	✓	LIE : 0 to 100% CH ₄ : 0 to 5% vol	1% 0.01% vol
CO	✓	✓	0 to 2000 ppm	1 ppm
H ₂ S	✓	✓	0 to 500 ppm	0.1 ppm
NO ₂	✓	✓	0 to 150 ppm	0.1 ppm
SO ₂	✓	✓	0 to 150 ppm	0.1 ppm
CO/H ₂ low	✓	✓	0 to 1000 ppm	1 ppm
O ₂	✓	✓	0 to 30% vol	0.01% vol
HCN	✓	✓	0 to 30 ppm	0.1 ppm
PH ₃		✓	0 to 10 ppm	0.01 ppm
NH ₃		✓	0 to 500 ppm	1 ppm
CO/H ₂ S		✓	CO : 0 to 1500 ppm H ₂ S : 0 to 500 ppm	1 ppm 0.1 ppm
CO ₂ (IR)	✓	✓	0 to 5% vol	0.01% vol
CH ₄ (IR)		✓	0 to 5% vol 5 to 100% vol	0.01% vol 0.1% vol
CO ₂ /LIE (IR)		✓	CO ₂ : 0 to 5% vol LIE : 0 to 100% LIE	0.01% vol 1%
CO ₂ /CH ₄ (IR)		✓	CO ₂ : 0 to 5% vol CH ₄ : 0 to 5% vol CH ₄ : 5 to 100% vol	0.01% vol 0.01% 0.1%

STANDARD FUNCTIONS :

- Integral pump or clip-on pump option
- Customizable alarm action message
- Man-down functionality
- Emergency button
- Connected security via LENS Wireless, wireless battery, iNet Now (subscription-based)
- Compatible with most accessories for Ventis MX4

