



VENTIS® PRO5 MULTI-GAS MONITOR

The Ventis® Pro5 is a five-gas monitor with a dedicated man-down alarm, panic button, and custom on-screen messages, making it easy for workers to communicate and operate. The Ventis Pro5 is the most flexible connected monitor on the market, giving you the power to manage worker safety anytime, anywhere – even in the most remote settings. Wireless connectivity in the Ventis Pro5 connects workers to iNet Now live monitoring software via cellular, wi-fi, satellite, or to peers on-site through LENS Wireless.

- Eliminate the need for multiple pieces of equipment by using Ventis Pro5 for lone worker tracking, confined space entry, and personal monitoring.
- Train workers on one, multi-purpose gas monitor and reduce the risk and investment of having different devices in the field.
- Improve team and site safety by locally sharing alarms and gas readings between wirelessly connected Ventis Pro5 monitors.
- Get real-time location and alarm data directly from Ventis Pro5 gas monitors to a designated safety contact with the optional cellular or wi-fi battery pack.
- Reinforce safe behavior with programmable alarm action messages like “EVACUATE” or “VENTILATE” based on alarm level.
- Simplify the user experience with the ability to hide unnecessary

See all features and benefits at
www.indsci.com/ventispro

Sensor & Configuration Options

The Ventis Pro5 offers sensor and configuration options for multiple industries and applications, including standard and non-standard 4-gas, 5-gas, and a methane IR sensor making it a cost-effective option for personal protection and confined space applications.

LEL (CH ₄ % Vol)	Cl ₂	NO ₂	IR CH ₄
LEL (Methane)	CO	IR CH ₄	HCN
LEL (Pentane)	CO/H ₂ Low	IR CO ₂	NH ₃
O ₂	CO/H ₂ S	IR CO ₂ /CH ₄	PH ₃
H ₂ S	SO ₂	IR CO ₂ /LEL	PID (VOC's)

SPECIFICATIONS*

WARRANTY

Monitor is Guaranteed for Life™ as long as the instrument is supported by Industrial Scientific Corporation (excludes sensors, batteries, and filters). O₂, LEL, CO, and H₂S sensors and pumps are warranted for four years. All other sensors and batteries are warranted for two years.

CASE MATERIAL

Polycarbonate with protective rubber overmold

DIMENSIONS

104 x 58 x 36 mm (4.1 x 2.3 x 1.4 in) without pump
172 x 67 x 65 mm (6.8 x 2.6 x 2.6 in) with pump
104 x 58 x 61 mm (4.1 x 2.3 x 2.4 in) with wi-fi and cellular battery
247g (8.7 zo) typical, with cellular battery

WEIGHT

200 g (7.05 oz) typical, without pump
390 g (13.76 oz) typical, with pump
243 g (8.5 oz) typical, with wi-fi battery
247g (8.7 zo) typical, with cellular battery

DISPLAY/READOUT Backlit liquid crystal display (LCD)

KEYPAD Two buttons for operation. Dedicated panic button.

INGRESS PROTECTION IP68 (submersion at 1.5 meters for 1 hour)

TEMPERATURE RANGE -40 °C to 50 °C (-40 °F to 122 °F) **

HUMIDITY RANGE 15% to 95% non-condensing (continuous)

EVENT LOGGING 60 alarm events

DATA LOG At least 3 months at 10-second intervals

COMMUNICATION

LENS WIRELESS MESH NETWORK

Frequency: ISM license-free band (2.405 - 2.480 GHz)

Max Peers: 25 devices per network group

Range: 100 m (300 ft) line of sight, face-to-face

Encryption: AES-128 | Approvals: FCC Part 15, IC, CE/RED, others[†]

Wi-Fi: 802.11 b/g/n 2.4GHz wi-fi with WPA2 security

Cellular: LTE CAT M1 | US: AT&T, Verizon | Canada: Bell, Rogers, Telus

ALARMS

Four visual alarm LEDs (two red, two blue);

95 decibel (dB) audible alarm at a distance of 10 cm (3.94 in); Vibration alarm

SENSORS

Combustible Gases/Methane – Catalytic Bead

O₂, CO, CO/H₂ low, H₂S, HCN, NH₃, NO₂, PH₃, SO₂, Cl₂ – Electrochemical

CO₂, CH₄, CO₂/LEL, CO₂/CH₄, HC – Infrared

MEASUREMENT RANGES

CATALYTIC BEAD

Combustible Gases:

0-100% LEL in 1% increments

Methane (CH₄):

0-5% of vol in 0.01% increments

ELECTROCHEMICAL

Ammonia (NH₃):

0-500 ppm in 1 ppm increments

Carbon Monoxide (CO):

0-2,000 ppm in 1 ppm increments

Carbon Monoxide (CO/H₂ low):

0-1,000 ppm in 1 ppm increments

Carbon Monoxide/Hydrogen Sulfide:

CO: 0-1,500 ppm in 1 ppm increments

H₂S: 0-500 ppm in 0.1 ppm increments

Chlorine (Cl₂):

0-50ppm in 0.1 ppm increments

Hydrogen Sulfide (H₂S):

0-500 ppm in 0.1 ppm increments

Hydrogen Cyanide (HCN):

0-30 ppm in 0.1 ppm increments

Nitrogen Dioxide (NO₂):

0-150 ppm in 0.1 ppm increments

Oxygen (O₂) (Standard/Long-Life):

0-30% of vol in 0.1% increments

Phosphine (PH₃):

0-10 ppm in 0.01 ppm increments

Sulfur Dioxide (SO₂):

0-150 ppm in 0.1 ppm increments

INFRARED

Carbon Dioxide (CO₂):

0-5% vol in 0.01% increments

Methane (CH₄):

0-5% vol in 0.01% increments

5-100% vol in 0.1% increments

Carbon Dioxide/Combustible:

CO₂: 0-5% vol in 0.01% increments

LEL: 0-100% LEL in 1% increments

Carbon Dioxide/Methane:

CO₂: 0-5% vol in 0.01% increments

CH₄: 0-5% vol in 0.01% increments

CH₄: 5-100% vol in 0.1% increments

0-100% LEL in 1% increments

Hydrocarbons:

0-100% LEL in 1% increments

*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.

† See www.indsci.com/wireless-certifications for country-specific wireless approvals and certifications.

SPECIFICATIONS*

CERTIFICATIONS

INGRESS PROTECTION IP68

ANEx: Ex ia I Ma/Ex ia IIC T4 Ga, -40 °C ≤ Ta ≤ 50 °C
Ex d ia I Mb/Ex d ia IIC T4 Gb IR sensor, -20 °C ≤ Ta ≤ 50 °C IR sensorATEX: Equipment Group and Category II 1G, Ex ia IIC, Ga, T4
Equipment Group and Category II 2G, Ex d ia IIC, Gb, T4, IR sensor

China CPC: CPA 2017-C103

China Ex: Ex ia IIC T4 Ga, -40 °C ≤ Ta ≤ 50 °C; Ex d ia IIC T4 Gb IR sensor,
-20 °C ≤ Ta ≤ 50 °C IR sensorCSA: CI I, Div 1, Gr A-D, T4; CI I, Zone 1, Ex d ia IIC, T4 | C22.2
No. 152 for % LEL reading only | 70046111

IECEx: CI I, Zone 0, Ex ia IIC, Ga, T4; CI I, Zone 1, Ex d ia IIC, Gb, T4, IR sensor

INMETRO: Ex ia IIC T4 Ga, -40 °C ≤ Ta ≤ 50 °C
Ex d ia IIC T4 Gb IR sensor, -20 °C ≤ Ta ≤ 50 °C IR sensor

KC: Ex d ia IIC T4

MSHA: 30 CFR Part 22; Permissible for underground mines

PA-DEP: BFE 46-12 Permissible for PA Bituminous underground mines

UL: CI I, Div 1, Gr A-D, T4; CI II, Div 1, Gr E-G, T4

CI I, Zone 0, AEx ia IIC, T4; CI I, Zone 1, AEx d ia IIC, T4, IR sensor

Ventis Pro5 with wi-fi and cell: only certified to ATEX, IECEx, UL and CSA

See www.indsci.com/ventispro for all certifications.

POWER SOURCE/RUN TIME

Rechargeable Slim Extended Lithium-ion battery (no Pump option)

(18 hours typical @ 20 °C) with LEL

(54 hours typical @ 20 °C) with IR

Rechargeable Lithium-ion battery (no Pump option)

(12 hours typical @ 20 °C) with LEL

(36 hours typical @ 20 °C) with IR

Rechargeable Extended-Range Lithium-ion battery with LEL

(23 hours typical @ 20 °C) without Pump

(18 hours typical @ 20 °C) with Pump

Rechargeable Extended-Range Lithium-ion battery with IR

(72 hours typical @ 20 °C) without Pump

(32 hours typical @ 20 °C) with Pump

Rechargeable wi-fi Lithium-ion battery (no Pump option)

(16 hours typical @ 20 °C) with LEL

Rechargeable Cellular Lithium-ion battery (no Pump option)

(14 hours typical @ 20 °C) with LEL

WIRELESS CERTIFICATIONS

Ventis Pro5 Instruments: FCC, ISED – Canada, EU Radio Equipment Directive (R.E.D.) and many other countries

Ventis Pro5 with LTE Cat M1 Cellular: FCC, ISED-Canada, PTCRB, AT&T and Verizon

SUPPLIED WITH MONITOR

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

LANGUAGE

English, French, Spanish, German, Italian, Dutch, Portuguese, Polish

Will You Use the Ventis Pro to Monitor Confined Spaces?



Ventis Pro5 Confined Space Kits Include: Ventis Pro5 instrument with integral pump, desktop charger, reference guide, calibration tubing with T-fitting, dust filter/water stop, sample tubing, calibration gas (appropriate mix) with manual regulator, and rugged hard plastic case.

VENTIS PRO5 CONFINED SPACE KITS WITH INTEGRAL PUMP

PART NO.	DESCRIPTION
V5K-KJ5Y211xy0z	Ventis Pro5 Confined Space Kit – LEL (Pentane), CO/H ₂ S, SO ₂ , O ₂
V5K-KJ4Y211xy0z	Ventis Pro5 Confined Space Kit – LEL (Pentane), CO/H ₂ S, NO ₂ , O ₂
V5K-KJ6Y211xy0z	Ventis Pro5 Confined Space Kit – LEL (Pentane), CO/H ₂ S, NH ₃ , O ₂

Y = Long-Life Oxygen Sensor

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

y = Agency Certification: 1 = UL/CSA, 2 = ATEX/IECEx, 3 = MSHA, 9 = INMETRO

0 = Non-wireless

z = Language: 1 = EN, 2 = FR, 3 = ES, 4 = DE, 5 = IT, 6 = DU, 7 = PT, A = PL

VENTIS PRO5 MOST COMMON INSTRUMENT CONFIGURATIONS

PART NO.	DESCRIPTION
VP5-KJ5Y2111101	Ventis Pro5 with Pump – LEL (Pentane), CO/H ₂ S, SO ₂ , O ₂ , Extended Li-ion, Desktop Charger, Safety Orange
VP5-KJ4Y4101101	Ventis Pro5 – LEL (Pentane), CO/H ₂ S, NO ₂ , O ₂ , Slim Extended Li-ion, Desktop Charger, Safety Orange
VP5-KJ6Y2110101	Ventis Pro5 with Pump – LEL (Pentane), CO/H ₂ S, NH ₃ , O ₂ , Extended Li-ion, Desktop Charger, Black
VP5-U12Y2110101	Ventis Pro5 with Pump – CO ₂ /LEL IR, CO, H ₂ S, O ₂ , Extended Li-ion, Desktop Charger, Black

VENTIS PRO5 NAMEPLATES

PART NO.	DESCRIPTION
Better manage your fleet of instruments using color-coded nameplates on your Ventis Pro instruments.	
17156848	Ventis Pro5 Nameplate, Blue
17156849	Ventis Pro5 Nameplate, Yellow
17156850	Ventis Pro5 Nameplate, Green

VENTIS PRO5 iASSIGN ACCESSORIES

PART NO.	DESCRIPTION
Use iAssign Tags and Beacons to manage the users and sites associated with your Ventis Pro instruments.	
18109417	iAssign Tag, Standard (10 pack)
18109418	iAssign Tag, Waterproof (10 pack)
18109419	iAssign Tag, All Weather Outdoor (10 pack)
18109420	iAssign Tag, Keychain (10 pack)
18109434	iAssign Tag, Sample Pack (1 each of the 4 tag types)
18109491	iAssign Beacon
17159316	Standby Clip (TM) Accessory

Build and price your Ventis Pro5 online
with the Instrument Builder
www.indsci.com/ventisprobuilder

17156849
Yellow Nameplate17156848
Blue Nameplate17156850
Green Nameplate

CONVERT YOUR NON-PUMPED VENTIS PRO5 INSTRUMENT TO AN INSTRUMENT WITH AN INTEGRATED PUMP

PART NO.	DESCRIPTION
VPP-0011	Ventis Pro5 with Pump, No Battery, Black, UL/CSA, English
VPP-2011	Ventis Pro5 with Pump, Lithium-ion Extended Range Battery, Black, UL/CSA, English
VPP-0111	Ventis Pro5 with Pump, No Battery, Safety Orange, UL/CSA, English
VPP-2111	Ventis Pro5 with Pump, Lithium-ion Extended Range Battery, Safety Orange, UL/CSA, English

VENTIS PRO5 REPLACEMENT SENSORS

PART NO.	DESCRIPTION
17155306-1	Replacement Sensor, Ventis Pro5, Carbon Monoxide, 6 Series
17155306-2	Replacement Sensor, Ventis Pro5, Hydrogen Sulfide, 6 Series
17155304-2	Replacement Sensor, Ventis Pro5, Hydrogen Sulfide, 4 Series
17155304-3	Replacement Sensor, Ventis Pro5, Oxygen (O ₂), 4 Series
17155304-Y	Replacement Sensor, Ventis Pro5, Long-Life Oxygen (O ₂)
17155306-Y	Replacement Sensor, Ventis Pro5, Oxygen (O ₂), 6 Series
17155306-4	Replacement Sensor, Ventis Pro5, Nitrogen Dioxide, 6 Series
17155306-5	Replacement Sensor, Ventis Pro5, Sulfur Dioxide (SO ₂), 6 Series
17155306-6	Replacement Sensor, Ventis Pro5, Ammonia (NH ₃), 6 Series
17155306-9	Replacement Sensor, Ventis Pro5, Phosphine (PH ₃), 6 Series
17155306-B	Replacement Sensor, Ventis Pro5, Hydrogen Cyanide (HCN), 6 Series
17155306-G	Replacement Sensor, Ventis Pro5, Carbon Monoxide/Low Hydrogen Interference (CO/H ₂ low), 6 Series
17155306-J	Replacement sensor, Ventis Pro5, Carbon Monoxide/Hydrogen Sulfide (COSH), 6 series
17155304-J	Replacement Sensor, Ventis Pro5, Carbon Monoxide/Hydrogen Sulfide (COSH), 4 Series
17155304-K	Replacement Sensor, Ventis Pro5, LEL (Pentane), 4 Series Catalytic
17155304-L	Replacement Sensor, Ventis Pro5, LEL (Methane), 4 Series Catalytic
17155304-M	Replacement Sensor, Ventis Pro5, CH ₄ (0-5% vol), 4 Series Catalytic
17155304-N	Replacement Sensor, Ventis Pro5, CH ₄ (0-100% vol), 4 Series IR
17155304-P	Replacement Sensor, Ventis Pro5, Hydrocarbon (0-100% LEL), 4 Series IR
17155304-U	Replacement Sensor, Ventis Pro5, Carbon Dioxide/Hydrocarbon (CO ₂ /LEL), 4 Series IR
17155304-V	Replacement Sensor, Ventis Pro5, Carbon Dioxide/Methane (CO ₂ /CH ₄), 4 Series IR
17155304-Q	Replacement Sensor, Ventis Pro5, Carbon Dioxide (CO ₂)
17156920	DualSense Pack, Ventis Pro5, Oxygen (O ₂), 4 Series
17156919	DualSense Pack, Ventis Pro5, Carbon Monoxide/Hydrogen Sulfide (COSH), 6 Series
17157781	DualSense Pack, Ventis Pro5, Carbon Monoxide (CO)
17157782	DualSense Pack, Ventis Pro5, Hydrogen Sulfide (H ₂ S)
17157783	DualSense Pack, Ventis Pro5, Sulfur Dioxide (SO ₂)
17155306-7	Replacement Sensor, Ventis Pro5, Chlorine (Cl ₂)

PART NO.	DESCRIPTION
17155304-R	Replacement Sensor, Ventis Pro5, PID (VOC's), 4 Series
17155304-S	Replacement Sensor, Ventis Pro5, Ultra Low Power IR (CH ₄), 4 Series
17155304-T	Replacement Sensor, Ventis Pro5, Ultra Low Power IR (Hydro Carbon), 4 series

VENTIS PRO5 REPLACEMENT FILTERS AND ACCESSORIES

PART NO.	DESCRIPTION
18109613	Speaker dust barriers for Ventis Pro5 (pack of 10)
18109436	Sensor Barrier Assembly, Ventis Pro5 (Includes gasket and membrane for both upper and both lower sensors)
17156945-0	Replacement Ventis Pro5 Integral Pump Door, Black
17156945-1	Replacement Ventis Pro5 Integral Pump Door, Orange
17152395	Replacement Dust Filter/Water Stop for Ventis Slide-on Pump
17129909	Replacement Inlet Cap
17159316	Alarm Silencer for Ventis Pro5

VENTIS CHARGERS

PART NO.	DESCRIPTION
Chargers are compatible with all standard, extended, or slim extended Li-ion batteries.	
18108191	Single-Unit Charger
18108209	Single-Unit Charger/Datalink (includes software)
18108651	Single-Unit Automotive Charger, 12VDC
18108652	Single-Unit Truck Mount Charger, 12VDC, with Cigarette Adapter
18108653	Single-Unit Truck Mount Charger, 12VDC, Hard Wired
18108650-A	6-Unit Charger: A – Power-Cord Type 0 = US 4 = ITA 1 = UK 5 = DEN 2 = EU 6 = SWZ 3 = AUS

V•CAL FOR VENTIS

PART NO.	DESCRIPTION
18108631-AB	V•Cal™ Calibration Station A = Instrument type: 0 = Ventis, 1 = Ventis with Pump B = Power Cord Type: 0 = US, 1 = UK, 2 = EU, 3 = AUS, 4 = ITA, 5 = DEN, 6 = SWZ
18107763	Serial data dot matrix printer for V•Cal™ – 5 volt printer powered by the calibration station enables calibration report printing
17135518	V•Cal Printer Paper
17127044	V•Cal Printer Toner
17109919	Fresh Air Filter

VENTIS CASES

PART NO.	DESCRIPTION
Nylon carrying cases are soft fabric cases with a wrist strap.	
18108175	Nylon Carrying Case, Ventis without Pump, Li-ion Battery
18108183	Nylon Carrying Case, Ventis without Pump, Extended Li-ion Battery, Slim Extended Li-ion Battery, or Alkaline Battery
18108810	Nylon Carrying Case, Ventis with Pump
Leather carrying cases feature rigid high-quality leather and provide protection for your instrument against scratches and impact.	
18109517	Leather Carrying Case with Display, Ventis Pro with Pump (includes cutout for Panic Button)

VENTIS BATTERIES**SLIM EXTENDED BATTERIES**

Provide 18 hours of run time when used with a non-pumped instrument at room temperature with LEL, O₂, H₂S, and CO sensors.

PART NO.	DESCRIPTION	COMPATIBLE WITH:
VTSB-4XY	Ventis Slim Extended Li-ion Battery Kit	Ventis MX4 Instruments Ventis Pro5 Instruments
	X = Color: 0 = Black, 1 = Orange (Ventis MX4 only) Y = Certifications: 1 = UL/CSA/ATEX/IECEX	

STANDARD BATTERIES

Provide 12 hours of run time when used with a non-pumped instrument at room temperature with LEL, O₂, H₂S, and CO sensors.

PART NO.	DESCRIPTION	COMPATIBLE WITH:
VTSB-1XY	Ventis Li-ion Battery Kit	Ventis MX4 Instruments Ventis Pro5 Instruments Ventis Slide-on Pumps
	X = Color: 0 = Black, 1 = Orange (Ventis MX4 only) Y = Certifications: 1 = UL/CSA/ATEX/IECEX/EAC (GOST-R-GOST-K)/KC (KOSHA)/MED/SANS 1515 2 = MSHA 3 = China EX 4 = ANZEX 5 = IMMETRO D = TIIS	

EXTENDED RUN TIME BATTERIES

Provide 12 hours of run time when used with pumped instrument at room temperature with LEL, O₂, H₂S, and CO sensors.

PART NO.	DESCRIPTION	COMPATIBLE WITH:
VTSB-2XY	Ventis Extended Li-ion Battery Kit X = Color Y = Certifications	Ventis MX4 Instruments Ventis Pro5 Instruments Ventis Slide-on Pumps
17148313-Y	Battery Pack, Li-ion, Extended, Ventis Y = Certifications	Ventis MX4 Instruments with pump Ventis Pro5 Instruments with pump
	X = Color: 0 = Black, 1 = Orange (Ventis MX4 only) Y = Certifications: 1 = UL/CSA/ATEX/IECEX/EAC (GOST-R-GOST-K)/KC (KOSHA)/MED/SANS 1515 2 = MSHA 3 = China EX 4 = ANZEX 5 = IMMETRO D = TIIS	

ALKALINE BATTERIES

Uses 2 AAA batteries for a quick in-field battery replacement. Provides 8 hours of run time with a non-pumped instrument and 4 hours of run time with a pumped instrument. Run time estimates are made at room temperature using LEL, O₂, H₂S, and CO sensors.

PART NO.	DESCRIPTION	COMPATIBLE WITH:
VTSB-3XY	Ventis MX4 Alkaline Battery Kit X = Color Y = Certifications	Ventis MX4 Instruments
17150608	Battery Pack, AAA, Ventis MX4	Ventis MX4 Instruments with pump
17154577-XY	Kit, Battery, Alkaline, VSP X = Color Y = Certifications	Ventis Slide-on Pumps
	X = Color: 0 = Black, 1 = Orange (Ventis MX4 only) Y = Certifications: 1 = UL/CSA/ATEX/IECEX/EAC (GOST-R-GOST-K)/KC (KOSHA)/MED/SANS 1515 2 = MSHA 3 = China EX 4 = ANZEX 5 = IMMETRO C = CHINA KA D = TIIS	

CELLULAR VENTIS PRO5

PART NO.	DESCRIPTION
VP5-K123B101y1z	Ventis Pro5, LEL, CO, H ₂ S, O ₂ , Verizon Li-ion, desktop charger, orange, LENS®
VP5-K123C101y1z	Ventis Pro5, LEL, CO, H ₂ S, O ₂ , AT&T Li-ion, desktop charger, orange, LENS®
VP5-KJ53B101y1z	Ventis Pro5, LEL, CO/H ₂ S, SO ₂ , O ₂ , Verizon Li-ion, desktop charger, orange, LENS®
VP5-KJ53C101y1z	Ventis Pro5, LEL, CO/H ₂ S, SO ₂ , O ₂ , AT&T Li-ion, desktop charger, orange, LENS®
17152395	Replacement Dust Filter/Water Stop for Ventis Slide-on Pump

Y = Agency Certification, z = Language

WI-FI VENTIS PRO5

PART NO.	DESCRIPTION
VP5-K123A101y1z	Ventis Pro5, LEL, CO, H ₂ S, O ₂ , Wi-Fi Li-ion, desktop charger, orange, LENS®
VP5-KJ53A101yz	Ventis Pro5, LEL, CO/H ₂ S, SO ₂ , O ₂ , Wi-Fi Li-ion, desktop charger, orange, LENS®
VTSB-A01	Ventis Wi-Fi Li-ion Battery, Black, UL/CSA/ATEX/IECEX (replacement battery)

Y = Agency Certification, z = Language





VENTIS®
SLIDE-ON PUMP

The Ventis® Slide-on Pump is ideally suited for operators who wear their gas monitors 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 Monitors.

SPECIFICATIONS*

WARRANTY

Four-year warranty, excluding consumables (i.e. filters)

CASE MATERIAL

Polycarbonate with protective rubber overmold

SAMPLE DRAW CAPABILITY

Up to 15.2 meters (50 feet)

DIMENSIONS

143 x 81 x 68 mm (5.6 x 3.2 x 2.7 in) Lithium-ion Battery version
 143 x 81 x 85 mm (5.6 x 3.2 x 3.3 in) Extended Range Lithium-ion Battery version
 143 x 81 x 73 mm (5.6 x 3.2 x 2.9 in) Alkaline Battery version

WEIGHT

270 g (9.5 oz) Lithium-ion Battery version
 316 g (11.2 oz) Extended Range Lithium-ion Battery version
 284 g (10.0 oz) Alkaline Battery version

OPERATING TEMPERATURE RANGE

-20 °C to 50 °C (-4 °F to 122 °F)

OPERATING HUMIDITY RANGE

15% to 95% non-condensing (continuous)

POWER SOURCE/RUN TIME

Rechargeable Lithium-ion battery, 18 hours @ 20 °C
 Rechargeable Extended Range Lithium-ion battery, 36 hours @ 20 °C
 Replaceable AAA alkaline battery, 10 hours @ 20 °C

PUMP FAULT ALARMS

Ultra-bright LEDs
 Loud audible alarm (90 dB at 30 cm)

IP RATING

Third-party certified IP67

CERTIFICATIONS

INGRESS PROTECTION: IP66/67

ATEX: Ex ia I Ma/Ex ia IIC T4 Ga; Equipment Group/Category: I M1/II 1G
 China Ex: Ex ia IIC T4 Ga
 CSA: Cl I, Div 1, Group A-D, T4; Ex ia IIC T4
 GOST- EAC: 0 Ex ia IIC X T4; PO Ex ia I X
 IECEX: Ex ia IIC T4 Ga
 INMETRO: Ex ia IIC T4 Ga
 UL: Cl I, Div 1, Gr A-D, T4; Cl I, Zone 0, AEx ia IIC T4 Ga;
 Cl II, Gr F-G (Carbonaceous and Grain Dust)

VENTIS SLIDE-ON PUMP – MODEL#VSP MATRIX

EXAMPLE: 18109162-1111 – Ventis Slide-on Pump, lithium-ion battery, Safety Orange, UL/CSA, EN-FR-ES-DE-CN	18109162-	1	1	1	1
DESCRIPTION	Base	Battery	Color	Approvals	Language
Ventis Slide-on Pump	18109162-				
Select options below in addition to base					
BATTERY					
Lithium-ion battery		1			
Extended range lithium-ion battery		2			
Alkaline battery		3			
COLOR					
Black			0		
Safety Orange			1		
APPROVALS					
UL/CSA				1	
ATEX / IECEX				2	
China EX				5	
GOST-EAC				7	
INMETRO				9	
LANGUAGE					
English, French, Spanish, German, Chinese					1
Italian, Polish, Czech, Portuguese, Russian					2



VENTIS SLIDE-ON PUMP ACCESSORIES

18109207-10	Urethane sample tubing kit 3.048 meters (10 feet)
17152395	Internal Dust Filter/Water Stop for Ventis Slide-on Pump
18109561	Internal Dust Filter/Water Stop for Ventis with Pump (Qty. 5)
17154853-5	Exhaust filter (5 pack)
17154581-5	Audible alarm filter (5 pack)
17157329-X	Replacement door, Ventis Pro/Ventis MX4 compatible
17129909	Replacement Inlet Cap
18109623	External filter kit

*All specifications are based on a typical instrument and typical performance of the instrument, and are subject to variability.

NOTE: Charger is not included with the Ventis Slide-on Pump. The Ventis Slide-on Pump uses the standard Ventis chargers (18108191, 18108209, 18108651, 18108652, 18108653, 18108650-A) shown on the Ventis MX4 page. "X" denotes color where 0 = Black, 1 = Safety Orange "Y" denotes approvals where 1 = UL, CSA, ATEX, IECEX, INMETRO, and GOST- EAC; 3 = China EX