Our Story

The Ventis Diner is proud to serve up safety all day, every day. Established in 2011, the Diner's already famous Ventis MX4 gas detector perfectly satisfies those cravings for a small, reliable multi-gas instrument to be used in a variety of applications.

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At the Diner, we understand that each of our patrons have unique gas detection needs. That's why The Gas Detection People are so pleased to be able to meet those needs with the highly configurable Ventis. When ordering the instrument, select a powerful, yet lightweight pump for easy monitoring in confined spaces; choose a safety orange overmold for increased visibility of your fleet; or pick from a wide range of sensors to ensure safety in a variety of environments.

Best of all, you may order the Ventis with iNet™ – Industrial Scientific's software-based service that increases safety by providing visibility into alarms, exposure and usage. With iNet, patrons are delighted

to find that they do not have to buy the Ventis and instead can subscribe to Gas Detection as a Service for a monthly fee.

We invite you to stop in to view our menu which includes the many ways the Ventis and iNet can meet your specific gas detection needs. Need

a faster way to curb your appetite?

Build your instrument today at www.indsci.com/ventisbuilder.

INDUSTRIAL SCIENTIFIC

NUTRITIONAL INFORMATION

Case Material:

Polycarbonate with Protective Rubber Overmold

imensions:

103 mm x 58 mm x 30 mm (4.1" x 2.3" x 1.2") - Ventis, Lithium-ion Battery Version (typical)
172 mm x 67 mm x 66 mm (6.8" x 2.6" x 2.6") - Ventis with Pump, Lithium-ion Battery Version (typical)

Weiaht.

182 g (6.4 oz) - Ventis, Lithium-ion Battery Version (typical)380 g (13.4 oz) - Ventis with Pump, Lithium-ion Battery Version (typical)

Operating Temperature Range:

-20°C- 50°C (-4°F-122°F) typical

Operating Humidity Range:

15%-95% Non-condensing (continuous) typical

Display/Readout:

Backlit Liquid Crystal Display (LCD)

Power Source/Run Time:

Rechargeable Lithium-ion Battery Pack
(12 hours typical @ 20°C) - Ventis
Rechargeable Extended-Range Lithium-ion Battery
Pack
(20 hours typical @ 20°C) - Ventis
(12 hours typical @ 20°C) - Ventis with Pump
Replaceable AAA Alkaline Battery Pack
(8 hours typical @ 20°C) - Ventis
(4 hours typical @ 20°C) - Ventis

Alarms

Ultra-bright LEDs, loud audible alarm (95 dB at 30 cm) and vibrating alarm

Sensors

Combustible gases/methane - Catalytic Diffusion ${\rm O_{2'}}$ CO, ${\rm H_2S}$, ${\rm NO_{2'}}$ SO $_{\rm 2}$ - Electrochemical

Measuring Ranges:

Combustible Gases: 0-100% LEL in 1% increments Methane (CH₄): 0-5% of vol. in 0.01% increments

Oxygen (O₂): 0-30% of vol. in 0.1% increments

Carbon Monoxide (CO): 0-1,000 ppm in 1 ppm increments

Hydrogen Sulfide (H₂S): 0-500 ppm in 0.1 ppm increments Nitrogen Dioxide (NO₂):

0-150 ppm in 0.1 ppm increments Sulfur Dioxide (SO₂):

0-150 ppm in 0.1 ppm increments

Certifications:

Class I, Division 1, Groups A B C D, T4
Class II, Groups F G (Carbonaceous & Grain Dust)
Class I, Zone 1, AEx ia d IIC
IP66
IP67

ATEX Ex.C

Ex d ia I Mb / Ex d ia IIC T4 Gb; Equipment Group and Category I M2 and II 2G IP66 IP67 IECEx

Ex d ia IIC T4 Gb IP66 IP67

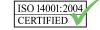
CSA
Class I, Division 1, Groups A B C D, T4
C22.2 No. 152

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INDUSTRIAL SCIENTIFIC

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GETTING STARTED

Versions

... Served with a calibration cup, calibration tubing, service tool and reference guide



service tool and reference guide



Sensors

Combustible gases (Select one)	LEL (Pentane),
	LEL (Methane), CH ₄ (0-5%)
Toxic gases (Select two)	
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Batteries

Rechargeable lithium-ion battery...... Up to 12 hours of run time without pump



Rechargeable extended-range lithium-ion battery......... Up to 12 hours of run time with pump or 20 hours without pump



of run time with pump or 8 hours without pump

Colors

Safety orange.



Language (Select one) English, French, Spanish, German, Italian, Dutch, Portuguese, Russian, Polish, Czech, Chinese, Danish, Norwegian, Finnish, Swedish



Docking Station

Optimize nearly any size gas detector fleet using a Docking Station that provides consistent and automated calibration, record keeping. diagnostics and battery recharging.

Calibration Stations

Calibrate and bump test the Ventis with or without the pump using the stand-alone station designed for use with the respective configuration.

Chargers

Prepare your Ventis and/or gas detector fleet for operation by choosing from a number of charger options which range from a simple single-unit charger to a robust six-unit charger.

Cases

Select a soft or leather carrying case to ensure protection of your instrument no matter the environment.

Confined Space Kits

Simplify confined space monitoring using a kit which includes the Ventis with a pump, universal charger, soft carrying case, service tool, reference guide, calibration tubing, dust filter/water stop, calibration fitting, sample tubing, calibration gas (appropriate mix) with regulator and rugged case.

ASK ABOUT OUR CHEF'S SPECIAL



DINER CLASSICS

Perfect for personal or confined space entry monitoring, the Ventis is useful in a variety of industries. The Ventis Diner offers classic diner selections that can be commonly used in the following industries and applications.

Construction

Confined space entry (trenching, tank entry)...... O2, LEL, CO, H2S or NO2

Electrical / Gas Utilities

 Boiler operations (confined spaces, boiler startup, maintenance)......O₂, LEL, CO, SO₂ or NO₂

Steel Production

Blast furnace (operations and maintenance)...... 0, LEL, CO, SO, or NO, Confined space entry (maintenance, turnaround) O2, LEL, CO, H2S

Oil and Gas Production

Transportation, storage and distribution (pipelines, Confined space entry (maintenance, turnaround) O., LEL, CO, H.S

Chemical

Confined space entry (tank/vessel entry) O2, LEL, CO, H2S, SO2 or NO2

Fire Services

Confined space entry (confined space rescue) 0, LEL, CO, H,S

Water / Waste Water Treatment

- Storm and waste water collection (dry/wet wells, manholes, sumps WWT plants)......O₂, LEL, CO, H₂S or SO₂
- Confined space entry (meter pits, vaults, underground