

Pac Ex 2 Monitor

Combustible Gas and
Oxygen Monitor

Easy to Use

Large Display

Compact

Rugged

Versatile



Draeger: First in Detection

Since 1937 when we introduced our first detector tube, Draeger has been the world leader in the detection of gases and vapors in the industrial workplace. Being on the leading edge of technology has kept us on the forefront of portable gas detection. We offer more sensing capabilities and variations of electrochemical, catalytic oxidation and infrared sensor technologies than any other manufacturer. All of our knowledge and technology has been combined in the Pac Ex 2 to provide you with the best combustible gas and oxygen monitor available today.

Pac Ex 2: Compact and Rugged

The conditions under which gas detection instruments are used in the industrial environment can be very demanding. Mother nature exposes the instrument to temperature extremes, rain and snow. The industrial environment can contain, corrosive gases and solvents. Daily use will give the instrument its share of bumps, scrapes, and drops. The Pac Ex 2 is a small and lightweight monitor designed to withstand the hardest working environments in the industrial workplace and continue to deliver reliable gas measurements.



Easy to Use

Simple 3-button operation



Large Display

Easy to Read Information



Flexible

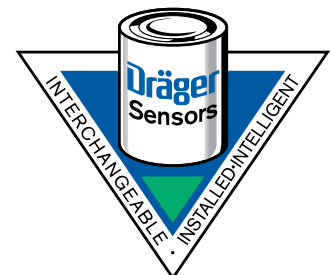
Your choice of sensors and battery packs

Performance

Sensor Technology

The combustible gas sensor can measure a wide variety of combustible gases in the 0-100 %LEL range including most fuels (natural gas, propane gasoline, etc.) and solvents (methanol, toluene, etc.). However, a special feature of the Pac Ex 2 is that it can also measure methane in the ranges of 0-5.0 %Vol. and 0-100 %Vol. CH₄. This means that you are able to detect and measure gases in low concentrations as found in leak detection or higher concentration found in larger releases like those that may occur around fuel storage locations.

The standard Draeger-Sensor XS-2 for oxygen provides a two-year warranty. However, you are able to upgrade to the XS or XS-R versions that provide 3 or 5-year warranties. This means that the Pac Ex 2 delivers the best cost of ownership in this type of gas monitor. All Draeger-Sensors provide quick and accurate responses to changing gas concentrations.



Versatility

Combustible gases and oxygen are two of the most commonly detected substances in the industrial workplace. The Pac Ex 2 Monitor is well suited for use in the utilities, petrochemical, oil & gas, mining, shipping, and emergency response industries. With the optional remote sampling pump that can draw up to 100 ft (10m) away, the Pac Ex 2 is ideally suited for confined space entry. Other applications include leak detection and area clearance for establishing hot-work permits.



Attention Demanding Alarms

Once gas is detected, the user must be alerted to hazardous concentrations of gases. The Pac Ex 2 uses audible, visual and tactile alarms. Two high-intensity LED's provide a visual alarm that can be seen over a wide angle by the user and others who may be in the area. The electronic buzzer provides a loud alarm that can be heard in most applications. However, for backgrounds with high ambient noise, the standard vibrating alarm provides an unmistakable tactile warning to the user. The Pac Ex 2 excels as both a measuring and as a warning device.



Easy Operation

The three buttons on the front of the Pac Ex 2 turn the unit On/Off, acknowledge alarms, and access routine functions like fresh air calibration. These buttons are well marked and large enough to be operated with a gloved hand. Commonly requested information like gas concentrations and battery level are continuously displayed on the large and easy to read display.

The standard nickel metal hydride batteries deliver over 12 hours of operation. This enables it to easily operate a full working shift. Batteries recharge in less than 4 hours. The interchangeable alkaline battery pack offers additional operational flexibility.



Specifications

Measuring Ranges:	Combustible Gases; 0-100 %LEL, Methane; 0-5.0 %Vol. & 0-100 %Vol. Oxygen; 0-25.0 %Vol.
Size: Weight:	4.9" x 2.5" x 1.4" (125 x 64 x 35 mm) (320 g)
Environmental Ranges:	Temperature; -15 to 150°F (-25 to 65°C) Humidity; 10 to 90 %RH Pressure; 700-1300 mbar
Environmental Rating:	Ingress Protection: IP 64 (dust and water proof)
Battery Life:	NiMH; > 12 hours (< 4 hr charge time) Alkaline; > 12 hours (4 AAA cells)
Alarm Levels:	2 user-adjustable thresholds for each gas
Audible Alarm:	> 90 dB (A) at 12 inches (30 cm)
Visual Alarm:	2 high intensity LEDs, 180° visibility
Vibrating Alarm:	Internal tactile alarm
Approval Classification:	UL; Class 1, Division 1, Groups A-D, T4 CSA; Class 1, Division 1, Groups A-D, T4 (pending) ATEX; IM EEx iad IIC T4, II2G EEx ibd IIC T4



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Represented By:

Order Information

Description	Order
Pac Ex 2 Monitor, Combustible Gases	4530401
Pac Ex 2 Monitor, Combustible Gases and Oxygen	4530402
Standard Charging Module	8316360
Charging Module with Computer Interface	8316345
Alkaline Battery	8316111
Remote Sampling Pump	8316350
Sample Tubing	4594707
Float Probe	6802337
Telescopic Probe	8313025
Rubber Boot	8313116
Leather Carrying Case	8316117
Nylon Transport Case	4594631
Pelican Transport Case	4506442
Draeger Sensor O ₂ XS-R (5 year warranty)	6810262
Draeger Sensor O ₂ XS3 (3 year warranty)	6809130
CC Vision Software (Calibrate & Configure)	6408515
Gas Vision Software (Documentation)	8314034