

G333 Series

Multi-gas monitor



- Smart sensors
- Low maintenance
- User replaceable "AA" battery and sensor
- Three alarm levels
- Ultra bright alarm lights and 95 dB horn



New Mini-Pump

for Remote Sampling

Compact, Affordable, and Effective

The G333 multi-gas monitor is uniquely different and is designed to withstand the harshest environments, even "level A." Most gas detection manufacturers design their monitors to detect the atmosphere with no concern for protecting the instrument from damaging corrosive gases. We take you further than our competitors, protecting you and your instrument from these hazardous gases. The electronics in the G333 are fully protected from hazardous gases by a special coating that assures your gas detector a long and reliable lifetime.

Loaded with features

The G333 is affordably priced and loaded with many powerful built-in features. The G333 offers you TWA, STEL, high and low peaks, a zoom function to single readings, and a large LED. All these features are packed into the smallest and lightest multi-gas unit available!



Multiple sensing

You may choose from several models of the G333 to meet your monitoring needs. Versions include LEL, LEL+oxygen, LEL+oxygen+CO or H₂S, and our unique LEL+oxygen+DualTox to detect both CO and H₂S.

Simplicity in the palm of your hand

The G333 is one of the simplest gas monitors to use, with over 14 hours of continuous protection. The G333 can be operated by a single button for a multitude of features at an incredible price! Automatic zeroing and calibration is only a touch away—the microprocessor does it all in a matter of seconds.

Alarms times three

Have you ever required more than just a single or double alarm? The G333 has a ground breaking feature that gives you not just one or two alarms, but three audio and visual alarms.

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Technical Data

Gases

EX Combustible gases
OX Oxygen (O₂)
TOX Hydrogen sulfide (H₂S)
Carbon monoxide (CO)

Ranges

EX CH₄ 0 to 100% LEL
OX O₂ 0 to 25% volume
TOX H₂S 0 to 100 ppm
CO 0 to 300 ppm

Detection principles (sensor)

EX Catalytic combustion
OX Electrochemical
TOX Electrochemical

Detection method

Diffusion
Motorized mini pump (optional)
Hand aspirator (optional)

Motorized mini pump

Unit operates continuously for more than 15 hours on 2 AA alkaline batteries
Samples up to 100 feet; provides a .5 Lpm (1.0 SCFH) flow rate to instrument

Weight

12.7 ounces (360 grams)

Dimensions

2.33x4.78x1.34 inches (59x120x34 mm) (WxHxD)

Display

LCD, zoom function, backlight, adjustable contrast

Alarms

Audible and visual alarms with three adjustable alarm levels

Operation time

Up to 16 hours (depending on sensors & alarms)

Power source

Rechargeable NiMH battery pack

Expected sensor life

EX Greater than 3 years
OX 2 years
TOX Greater than 3 years

Temperature range

+14 to +122°F (-10 to +50°C)

Humidity range

0 (20) to 98% r.h. (non-condensing)

Pressure range

800 to 1,300 mbar

Casing

Carbon fiber reinforced polyamide

Models

G333-1 LEL
G333-2 LEL, O₂
G333-3C LEL, O₂, CO
G333-3H LEL, O₂, H₂S
G333-3D LEL, O₂, DualTox (CO, H₂S)

Approvals

CENELEC EEX ib d IIC T4
UL Class I, Groups A B C D

Specifications subject to change without notification

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