

GasLab SAN-102 Micro Oxygen Monitor

The GasLab SAN-102 is a wearable, personal safety meter designed to monitor ambient concentrations of oxygen (O₂) as well as temperature and % relative humidity in real time. It is designed to protect workers in confined spaces.



FEATURES

- Audible and visual low/high oxygen level alarm
- Silicone boot and metal clip are light and comfortable to wear
- Electrochemical sensor, no consumable parts
- Includes ambient temperature % RH sensors
- Lithium-ion rechargeable battery. USB charging port
- Runs 4+ days per charge



CO SENSOR CROSS-SENSITIVITY

Electrochemical sensors are cross-sensitive to specific gases other than the target gas of interest. While cross-sensitivities are limited, as much as possible by sensor design, some interactions still exist. The table below shows the most common cross-sensitivities.

SPECIFICATIONS

Measurement Range	0 to 30.0% vol
Resolution	0.1% vol.
Temperature Range	-4°F to 122°F (-20 to 50°C)
Humidity Range	0 to 99%RH
Baseline Drift (-14-120°F)	<1% change in output @ 3 months
Expected Lifespan	24 months
Temp. Range	-4 to 140°F (-20.0 to 60.0°C) display
Display Resolution	0.1°F (0.1°C)
Display Options	°C/°F (switchable)
Accuracy	+0.9°F (+0.5°C)
Response Time	5~30 seconds (device must equilibrate with environment)
Operating	-4°F to 122°F (-20°C to 50°C), 0~99%RH non-condensing
Storage	-4°F to 140°F (-20°C to 60°C), <99% RH non condensing
Power Supply	-Li-ion battery (4.2V, 400mAh)
Weight	1.58oz (45g)