

GasLab SAN-102 Micro Oxygen Monitor

The GasLab SAN-102 is a wearable, personal safety meter designed to monitor ambient concentrations of oxygen 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 and % relative humidity sensors
- Lithium-ion rechargeable battery. USB Charging port
- Runs 4+ days per charge

SPECIFICATIONS

Oxygen Sensor Specifications

Measurement Range	0 to 30.0% vol.
Resolution	0.1% vol.
Temperature Range	-4°F ~ 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



Temperature Sensor Specifications

Temperature 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)

Humidity Sensor Specifications

Measurement Range	0.0 to 99.9%RH
Display Resolution	1% RH
Accuracy	±4.5% RH
Response Time	< 8 seconds for 63% of step change

General

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)
Dimensions	2.36x1.38x0.98in. (60x35x25mm)
Weight	1.58oz. (45g)