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CO2 MEASUREMENT SPECIALISTS

Remote Oxygen
Depletion Safety
Alarm *(RAD-0002)*

About

The RAD-0002 Remote Oxygen Storage Safety Alarm is designed to detect oxygen depletion in enclosed spaces and to warn occupants of low oxygen levels. Low concentrations of oxygen (O2) in confined spaces are dangerous, and may lead to health problems ranging from headaches and fatigue to asphyxiation and death. This monitor has both audible and visual alarms which activate when the O2 concentration is lower than the pre-set alarm levels. Detection of low levels of O2 will also activate relays that can be used for a fan or air-handling system to ventilate the confined space and improve O2 concentration in the area.

Features

- Large digital LCD display
- Separate SEU (Main Sensor) and RDU (Remote Display)
- 3 Relay outputs to control ventilation devices
- 4-20mA Outputs - O2: 0~25%, Temp: 32 to 122° F
- Audible and visual indications at 3 alarm levels
- Ability to add strobes for additional indication
- Automatic barometric pressure compensation
- (Latch Off) will work its way out of alarm on default

Accessories

- **CM-1026** | Dual Strobe Add On Kit
- **CM-0126-5,6** | Strobe Tower Add On Kit
- **RAD-0022** | Additional Remote Display

Applications

- Cryogenics
- Cryotherapy
- Food Production Facilities
- Process Cooling
- Any enclosed space storing inert gases

RAD Fact!

You should **mount** the bracket and (RAD-0002) Oxygen Depletion Safety Alarm **60-72** inches from floor height.

CO₂ Measurement Specialists

Speak to a Technical Sales Expert
1.877.678.4259 | sales@CO2Meter.com

RAD-0002

Remote Oxygen Depletion Safety Alarm

Range	0 - 25% display
Display Resolution	0.1%
Accuracy	Better than 2%FS
Temperature Range	32°F to 122°F (0°C to 50°C)
Response Time	O2: <2min by 90%
O2 AL1	18.0%, 18.5%, 19.0%, 19.5%, 20.0%. *The default AL1 is 19.0%.*
O2 AL2	16.0%, 16.5%, 17.0%, 17.5%. *The default AL2 is 17.0%*
Operating Temperature	32°F to 122°F (0°C to 50°C) *For Storage: -4°F to 140°F (-20°C to 60 °C)*

Electrical and Mechanical Specifications

Power Supply	*Output:* 12VDC, 2000mA.
Power Input	100~240 VAC,50/60Hz, 0.6A
Power Consumption	6VDC (5.4V~7.0V), recommended capacity is 12AH
Relays	Peak current for each relay < 2A @ 30VDC or 250VAC & **Relay configuration: SPDT**
4-20mA Outputs	CL01:420mA O2: 0~25% | CL02:420mA Temp: 32 to 122° F (0-50°C)
Mounting Height	60-72 inches from floor height

Models

RAD-0002	Remote Oxygen Depletion Safety Alarm
CM-1026	Dual Strobe Add On Kit
RAD-0022	Additional Remote Display (Supports up to 3 total)