



## MULTI GAS SAFETY SYSTEM

### The Perfect Multi Gas Safety Solution

The Multi Gas Safety System detects carbon dioxide (CO<sub>2</sub>) and Oxygen (O<sub>2</sub>) levels in ambient air. This protects employees and guests from potentially hazardous gas concentrations. The system allows for multiple sensors to receive power and report concentration levels to our touchscreen display. The CM-7000 Series' customizable audible and visual alarm settings can trigger three individual relays. These relays can trigger third-party devices like exhaust systems and fire panels. Ensure the safety of your employees and guests as well as the compliance of your facility with the Multi Gas Safety System.

### Features

- 8" Touchscreen Display Panel
- Up to 12 easily addressable sensors
- 3 fully-configurable relays
- User configurable settings
- Field-upgradeable
- Meets NFPA, IFC, and NBIC requirements
- Meets OSHA and NIOSH TWA standards

### Accessories

- **CM-7002** | Relay for Multi Gas Safety System
- **CBL-7002** | Relay Cable for CM-7002 Reset Unit
- **CM-7003** | CO<sub>2</sub> Sensor for Multi Gas Safety System
- **CM-7103** | Oxygen Sensor for Multi Gas Safety System
- **CM-7004** | Horn Strobe for Multi Gas Safety System
- **CM-7004-OUT** | Exterior Horn Strobe for Multi Gas Safety System
- **CM-7005** | Tablet for Multi Gas Safety System
- **CM-7006** | Mini Display Tablet for Multi Gas Safety System
- **CM-7009** | POE Booster
- **CM-1026-5,6** | CO<sub>2</sub> Storage Safety Strobe Tower
- **SV-1029** | Solenoid Shut-off Valve

### Applications



**Beverage  
Dispensing**



**Restaurant  
& Food**



**Breweries  
& Wineries**

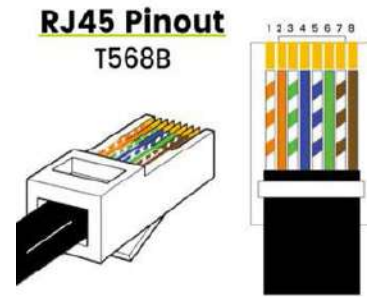


**Safety**



**Agriculture**

# TECHNICAL DATA



## Multi Gas Safety System

<b>CO<sub>2</sub> Measurement Range</b>	0-5% (0-50,000 ppm)
<b>CO<sub>2</sub> Measurement</b>	NDIR (Non-dispersive Infrared)
<b>O<sub>2</sub> Measurement Range</b>	0-23%
<b>O<sub>2</sub> Measurement</b>	Zirconia Oxide
<b>Alarms</b>	5,000 TWA, 5,000 Instantaneous, 1.5%, 3% (fully customizable)
<b>Measurement Interval</b>	2 seconds (0.5 Hz)
<b>Operating Temperature</b>	32-122° F (0-50° C)
<b>Calibration</b>	Zero with Nitrogen or Factory Calibration
<b>Connections</b>	RJ45 Pinout T568B
<b>Sensor Life Expectancy</b>	>15 years

## Electrical and Mechanical Specifications

<b>Power Supply</b>	48-54 VDC power adapter
<b>Power Input</b>	4.5-5.25 VDC
<b>Power Consumption</b>	300 mA peak, 30 mA average
<b>Horn Strobes</b>	90-120 dB 3KHz, 110 cD



Call 1.877.678.4259  
Email [Sales@CO2Meter.com](mailto:Sales@CO2Meter.com) | [Support@CO2Meter.com](mailto:Support@CO2Meter.com)  
Web [CO2Meter.com](http://CO2Meter.com)

Let's Get Social – @CO2Meter on:

