

# CO<sub>2</sub>BUDDY

Say hello to your new **BUDDY**

by **ANALOX**



When it comes to personal protection against carbon dioxide (CO<sub>2</sub>) look no further than the **CO<sub>2</sub>Buddy**.

This super lightweight, portable alarm system uses highly accurate NDIR (non-dispersive infra-red) sensing and will alert the user to any potentially dangerous elevations in CO<sub>2</sub>.

If you are using or transporting CO<sub>2</sub> in any form: compressed gas, liquid state or dry ice, then **take control** and ensure you and your team are protected from the risks associated with this **highly toxic gas**.

Legislation such as **OSHA, EH40, NBIC and NFPA** regulate CO<sub>2</sub> levels and advise that an employee must not be exposed to just **0.5% (5000ppm) for more than 8 hours** and that levels of 3% (30,000ppm) or more is a threat to life and an evacuation of the area is required.

But fear not, with the **CO<sub>2</sub>Buddy by your side** you are always protected. Just clip it to your belt or use the lanyard provided and get on with your day, with **true peace of mind**.

## Benefits

- At **less than 70g** the user won't even notice it's there, unless they need it.
- **Flexibility** - can be worn on the belt, pocket or lanyard
- **Quick charge** (2 hours) - then a full 48 hours of battery life
- The **TWA alarm** will monitor the users CO<sub>2</sub> exposure over an 8 hour period
- The user configurable alarms means you can be protected and **meet legislation in your country**, region, state or municipality
- The **vibration alarm** is ideal for noisy environments
- The **fresh air calibration function** means there is no need to carry cylinders of calibration gas

## Gas Monitored

- Carbon dioxide (CO<sub>2</sub>)

## Features

- Lightweight enclosure (70g/ 2.5oz)
- Highly accurate NDIR CO<sub>2</sub> sensor
- Rechargeable battery with a low battery warning
- Micro USB charging cable
- TWA (Time Weighted Average) alarm
- User changeable alarm set points
- Audible, visual & vibration alarms
- Single button operation
- Fresh air calibration
- Includes belt clip & lanyard

## Optional Extras

- Choose from **3 servicing packages**, Bronze, Silver or Gold to ensure you keep your Buddy in top form.
- Register your unit for servicing and maintenance reminders

Your Challenge, **Our Passion**

Speak to **our team** today  
UK/Global: +44 (0)1642 711 400  
US Office: (714) 891 4478  
US Toll Free: (877) 723 3247

# CO<sub>2</sub>BUDDY

## Tech Spec

General	
Display	LCD
Power	Minimum of 48 hours of operation with low battery warning
Charging	2 hours at 5V, 300mA
Max dimensions	75mm x 63mm x 34mm 2.9" x 2.4" x 1.3"
Mounting	Pocket, belt or lanyard
Approvals	CE, FCC
Alarm indicators	Audible, red strobe, vibration

Environmental	
IP rating	IP54
Maximum relative humidity	95% RH (Non-condensing)
Temperature	0 to 40°C (32 to 104°F)

Product lifespan and warranty	
Product warranty	2 Years

## FACT

Dry ice is a solid form of CO<sub>2</sub>. As it warms, it goes through a process called sublimation, meaning it goes directly from a solid to a gas, bypassing the liquid state. This CO<sub>2</sub> gas is highly toxic.

## Applications

- Ventilation
- Dry ice shipping & logistics
- COVID-19 vaccine distribution
- Clinical trials storage & shipping
- Gas delivery drivers
- Beverage gas users
- Laboratories
- Hospitals and Medical facilities
- Academia (universities, schools, colleges)
- Cannabis growing facilities
- Food packaging & processing
- Hospitality industry (Stadiums, bars, restaurants)
- Leisure centres and Sports facilities
- Shopping malls
- Gas manufacturing plants
- Submarine escape suit testing

## Why Analox?

We understood that CO<sub>2</sub> safety was of high importance and an affordable solution was paramount. Our pioneering CO<sub>2</sub> sensor keeps thousands of employees across many industries safe every day.

Want to discuss your **application needs?**  
Give us a call!

You can call us

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