CAR, VEHICLE & AIRCRAFT CO DETECTOR O R E N S I C S $^{\text{TM}}$

FORENSICS





WARNING

- > PRODUCT DOES NOT COMPLY WITH UL2034
- REPLACE THIS PRODUCT ONCE DATE HAS EXCEEDED ENDOF LIFE DATE [see detector]
- KEEP DETECTOR AWAY FROM ELECTROMAGNETC & MAGNETIC INTERFERENCES

CAR. VEHICLE & AIRCRAFT

- DO NOT EXPOSE PRODUCT TO HARSH ENVIRONMENTS nor CLEANING AGENTS
- PLACE AWAY FROM DIRECT SUNLIGHT
- > ENSURE SENSOR HOLE IS **NEVER BLOCKED**
- CO ALARMING INDICATES PRESENCE OF CARBON MONOXIDE WHICH MAY KILL YOU
- ➢ IF UNIT ALARMS TAKE PRECAUTIONS AND SEEK CLEAN AIR. IF UNWELL, SEEK MEDICAL ATTENTION.
- IF UNIT ALARMS, DETERMINE CAUSATION AND REMEDY CO LEAKAGE ISSUES
- > DO NOT ATTEMPT TO OPEN THE ALARM UNIT
- ENSURE DETECTOR IN LINE OF SIGHT FOR VISUAL ALARM IN CASE BUZZER ALARM CANNOT BE HEARD
- DO NOT LEAVE DETECTOR IN HOT ENVIRONEMNT FOR PROLONG PERIODS (>5days)

INTRODUCTION

You have purchased the original **"FORENSICS"** low level Vehicle & Aircraft CO Gas Alarm, CAROO1. This product detects carbon monoxide and alarms at low levels. Such alarming is crucial for vehicle and aircraft

operators/ occupants that may cloud hand-eye coordination, induce fatigue, dizziness and disorientation. The first alarm triggers at 9ppm which aligns with WHO, EPA and ASHRAE, the second alarm triggers at 25ppm which aligns with Cal/OSHA and the third alarm triggers at 50ppm which aligns with OSHA; eight hour recommended CO exposure limits.

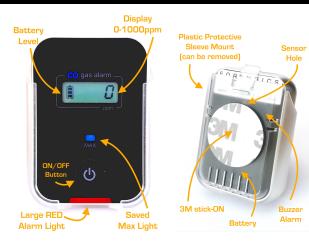
OPERATION

ON: Press **POWER** button for 3 seconds. Warm up period will take about 3 minutes with display showing "CAL". Ensure this takes place at room temperature & in fresh air. This process ensures accuracy of the detector.

OFF: Press **POWER** button for 3 seconds.

MAX: Quick press **POWER** button. The **BLUE LED** will turn ON and the display will show the MAX value from period of power-on to present time (memory clears when device off). This is a useful feature just in case you missed the alarm or instantaneous CO digital reading.

DIASABLE: When the detector exceeds 122F, the detector will disable alarm functionality to prevent false readings and will display "---". When the temperature falls below 122F, the detector will resume normal operation.



DETECTOR PLACEMENT

Ensure **NOT** in direct sunlight. Ensure display is **VISIBLE**. **DO NOT** mount on air vents.

ALARM SEQUENCE

CO Level	Display	Alarm
O to 8ppm	ZERO	NO ALARM
9 to 24ppm	ppm Level	after 60 seconds RED LED flash
25 to 49ppm	ppm Level	after 60 seconds RED LED & BUZZER
> 50ppm	ppm Level	Immediate RED LED & BUZZER

Low Battery Alarm: Buzzer will "beep" every 30 secs.

SPECIFICATIONS

Size: 69 x 47 x 20 mm (2.7 x 1.9 x 0.8 inches) Weight: 50.8g (1.8oz) with Housing 81.0g (2.9oz) Sensor: electrochemical sensor, Made in Japan Battery: 2 x CR2032 Battery life: continuously working for about 8-12 months BLUE/RED LED: max level indicator/CO alarm indicator Buzzer: sound alarm, 70dB at 1meter Working temperature: -10°C to 50°C (14°F to 122°F) Working humidity: 15%—90%RH CO Detection Range: 9ppm to 999ppm Resolution: 1ppm with 0.5 secs averaging & refresh rate CO Accuracy: ±10% of CO reading Lifetime: see detector for END OF LIFE Date

Support & Sales

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