CAR, VEHICLE & AIRCRAFT CO DETECTOR
F O R E N S I C S ™

FORENSICS DETECTORS

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MODEL: CAR001

WARNING

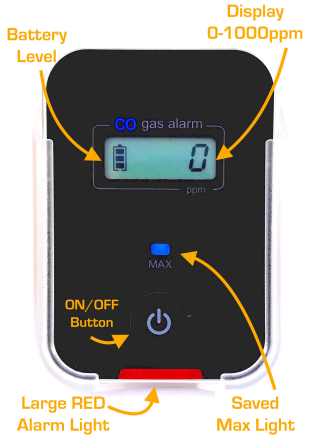
- PRODUCT **DOES NOT** COMPLY WITH UL2034
- **REPLACE** THIS PRODUCT ONCE DATE HAS EXCEEDED **END OF LIFE** DATE (see detector)
- KEEP DETECTOR **AWAY** FROM ELECTROMAGNETC & MAGNETIC INTERFERENCES
- **DO NOT** EXPOSE PRODUCT TO HARSH ENVIRONMENTS nor CLEANING AGENTS
- PLACE **AWAY** FROM DIRECT SUNLIGHT
- 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, 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 ENVIRONMENT FOR PROLONG PERIODS (>5days)
- **AVOID DIRECT EXHAUST EXPOSURE:** Visit our YouTube Channel for the simple test procedure.

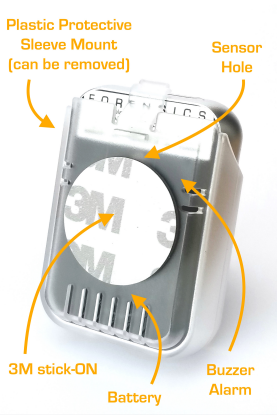
INTRODUCTION

You have purchased the original **"FORENSICS"** low level Vehicle & Aircraft CO Gas Alarm, CAR001. 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, fatigue, dizziness and disorientation. The first LED alarm triggers at 9ppm which aligns with WHO, EPA and ASHRAE, the second alarm (buzzer) 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. Careful where detector stick-on is mounted to avoid damage when removing (i.e. leather, synthetic leathers and other fragile surfaces).

ALARM SEQUENCE

CO Level	Display	Alarm
0 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: 6-8 months on standby, shorter if alarms
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

FUN FACT: The most common question we receive is *"How do we test our CO detector?* Visit our YouTube Channel to view our recommended test procedure.

Support & Sales

WEB: www.forensicsdetectors.com
Email: sarah@forensicsdetectors.com

Please visit www.forensicsdetectors.com to order additional supplies.
Product Designed in California, USA.Product Tested, QA/QC in California, USA.
Product Packaged in California, USA. Product Made in China