

TRAVEL & PERSONAL CO DETECTOR FORENSICS DETECTORS™

**FORENSICS
DETECTORS**



**** WARNING ****

- PRODUCT **DOES NOT** COMPLY WITH UL2034
- **REPLACE** THIS PRODUCT ONCE DATE HAS EXCEEDED **END OF LIFE DATE** (see detector)
- KEEP DETECTOR **AWAY** FROM ELECTROMAGNETIC & MAGNETIC INTERFERENCES
- **DO NOT** EXPOSE PRODUCT TO HARSH ENVIRONMENTS nor CLEANING AGENTS
- PLACE **AWAY** FROM DIRECT SUNLIGHT
- ENSURE SENSOR HOLE IS **NOT BLOCKED** WHEN USE
- 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.
- **DO NOT** ATTEMPT TO OPEN THE ALARM UNIT
- **DO NOT LEAVE** DETECTOR IN HOT (>122°F) ENVIRONMENT FOR CONTINUOUS PERIOD (>5 days)

INTRODUCTION

You have purchased the original "FORENSICS" low level TRAVEL AND PERSONAL CO Gas Alarm. This product detects carbon monoxide and alarms at low levels of CO. 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.

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.

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)

DIASABLE: When 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.

PLACEMENT

Ensure **NOT** in direct sunlight. Ensure display is **VISIBLE**. Ensure sensor hole is **NOT** blocked in use.

Need Support?

Email: sarah@forensicsdetectors.com



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

SPECIFICATIONS

Size: 69 x 47 x 20 mm (2.7 x 1.9 x 0.8 inches)

Weight: 50.8g (1.8oz)

Sensor: electrochemical sensor, Made in Japan

Battery: 2 x CR2032

Battery life: continuously working 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: 8ppm to 999ppm

Resolution: 1ppm with 0.5 sec refresh rate

CO Accuracy: < ± 10% of CO reading

Lifetime: see detector for END OF LIFE Date

