

# C O - Experts Low Level C O "Health" Monitor

**The Best C O Monitor in the World,  
JUST GOT BETTER AND FASTER.**

## USA & Canadian C O Alarm Activation Levels Required – UL-2034 & CSA-6.19

No Displays under 30ppm  
No alarms at 70ppm for  
60 - 240 Minutes  
150ppm, 10 - 50 Minutes  
400ppm, 4 - 15 Minutes



## C O - Experts Low Level "HEALTH" Monitor's Alarm Activation Levels

Display & Audible Alarm at  
10ppm, initial Alarm  
25ppm, more rapid Alarm  
35ppm, more rapid Alarm  
50ppm, more rapid Alarms  
70ppm, very rapid Alarm

**C O - Experts Model 1070 EXCEEDS the Requirements of EVERY C O Standard presently in force Worldwide: ACGIH, NIOSH, OSHA, EN-50291, CSA-6.19-01 and UL-2034.**

Scientists have recently released Medical Studies conducted at several leading University Medical Centers that provide PROOF POSITIVE , .... that the C O - Experts Low Level C O "Health" Monitor preforms a "Medical Miracle" by reducing or eliminating a MAJOR contributor to increased OXIDATIVE STRESS, which greatly increases the symphoms and suffering associated with many serious illnesses !!!

According to Scientist at UCLA, and Research Scientists at other Leading Medical Institutions throughout the World, who have recently released Reports on their Medical Studies regarding the many devastating effects of Chronic Low Level C O Poisoning.

**THIS PRODUCT CAN PREVENT or REDUCE** many of the HARMFUL effects on the following:

1. Underweight Babies, smaller Head sizes and some forms of Mental and Physical Defects in the NEWBORN. The FETUS is severely and irreversibly effected by Low Levels of COHb during the 3rd trimester of pregnancy.
2. WILL REDUCE or PREVENT Permanent DAMAGE to the HEARING of the very young often caused by Oxidative Stress.
3. WILL REDUCE "A Known Risk Factor", "OXIDATIVE STRESS", and the increased SUFFERING caused by CARBON MONOXIDE POISONING IN MANY EXTREMELY SERIOUS DISORDERS INCLUDING:  
a. Alzheimer's b. Parkinson's c. Multi Sclerosis d. Lou Gherig's disease e. Cardiovascular Disease f. Anemia g. Asthma
4. Will REDUCE the 33% that SUFFER HEART TROUBLE AFTER C O POISONING.
5. Will REDUCE the NUMBER of STROKES Suffered Due to BAD INDOOR AIR QUALITY.

### \*REVIEW THESE RECENTLY RELEASED MEDICAL STUDIES:

1. Expired air carbon monoxide concentration in mothers and their spouses above 5 ppm is associated with decreased fetal growth. Gomez C, Berlin I, Marquis P, Delcroix M.

View Abstract: [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list\\_uids=15980786&itool=iconabstr&query=hl=1&itool=pubmed\\_docsum](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=15980786&itool=iconabstr&query=hl=1&itool=pubmed_docsum)

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How chronic exposure to tiny levels of carbon monoxide damages hearing in young ears  
UCLA scientists first to identify mechanism

FINDINGS: UCLA scientists have discovered how chronic exposure to low levels of carbon monoxide [C O] damages the inner ear, resulting in permanent hearing loss. At the Ca/OSHA's exposure limit of 0.0025 percent -- or 25 parts per million CO in the air -- the gas creates oxidative stress, a condition that damages the cochlear cells, leading to impairment of the auditory nerves.

CONTEXT: Tobacco smoke, gas heaters, stoves and ovens all emit C O, which can rise to high concentrations in poorly ventilated homes. Infants and children are particularly vulnerable to C O exposure because they spend a great deal of time in the home. NO policies exist to mandate regulation of C O in the home.

IMPACT: This is the first time that inhaled C O has been linked to oxidative stress, a KNOWN RISK FACTOR IN MANY DISORDERS, including Alzheimer's, Parkinson's, Multi Sclerosis, Lou Gherig's Disease and Cardiovascular Disease. Tobacco smoke, which contains C O, also aggravates many of these diseases. The UCLA findings highlight the need for policy makers to reexamine the regulation of C O due to car exhaust, tobacco smoke, smog, and heating and cooking appliances; as well as any and all sources of carbon monoxide.

### 3. Carbon pollution blamed for heart damage

Dec 03 (Reuters) - Air pollution clearly causes immediate damage to the heart, including heart attacks, but its short-term effects on asthma and other respiratory symptoms are harder to document, U.S. researchers said on Wednesday.

To View Abstract: <http://heart.healthcentersonline.com>

4. Strokes go up as air quality drops. People are more likely to be hospitalized for strokes on days when air pollution is bad, new research shows.

[Consider that indoor air "can" be 5 times as bad as outdoor air] To View Abstract: <http://heart.healthcentersonline.com/newsstories/strokesgoupasairqualitydrops.cfm>

### 5. Carbon Monoxide often damages heart

Among people who suffer moderate to severe carbon monoxide poisoning, more than one third will develop cardiovascular symptoms, new research indicates. <http://heart.healthcentersonline.com/newsstories/carbonmonoxideoftendamage.cfm>

6. The following quote is the first paragraph of a Great New C O Study, done at the Indiana University School of Medicine.

"The following patients may be encountered during an emergency department [ED] shift: a 7 year old with a first-time seizure, an eighty year old with syncope, a family with flulike illness, a pregnant patient with vomiting and dizziness, a 45 old with chest pain, a comatose patient from a house fire, and a factory worker with a headache. Although these complaints may sound diverse, [C O] exposure may account for all of these clinical scenarios. C O exposure often goes unrecognized and can lead to significant morbidity and mortality. Rapid recognition and appropriate therapy can improve outcomes significantly." <http://www.coexperts.com/CO%20Poisoning.pdf>

**C O - EXPERTS LOW LEVEL C O “HEALTH” MONITORS, THE BEST C O ALARM/MONITOR IN THE WORLD SINCE 2002, IS NOW EVEN BETTER AND FASTER. WE ARE NOW PROVIDING MORE USER FRIENDLY FEATURES. FOR THE FIRST TIME IN HISTORY WE ARE PUTTING OUR CONSUMERS “IN TOTAL CONTROL OF” ... NOT “AT THE MERCY OF”, CARBON MONOXIDE POISONING AT ALL LEVELS.**

**C O - Experts, ..... C O and FIRE PROTECTION that NEVER SLEEPS !!!**

## **Features & Benefits of C O - Experts Model 1070**

### **Warning Levels & Cycles:**

**Updated Every 5 Seconds**

**0 to 9 PPM ..... No Warnings**

**10 PPM & Up ..... Constant Audible & Visual Warnings**

**10-24 PPM ..... 2 Beeps every Minute**

**25-34 PPM ..... 2 Beeps every 20 seconds**

**35-49 PPM ..... 2 Beeps every 10 seconds**

**50-69 PPM ..... 2 Beeps every 6 seconds**

**70-HI PPM ..... 4 Beeps every 6 seconds**

### **Hush Button Cycles:**

**10 PPM ..... Up to 24 Hours**

**25 PPM ..... Up to 60 Minutes**

**35 PPM ..... Up to 60 Minutes**

**50 PPM ..... Up to 60 Minutes**

**70 PPM & HI ..... Up to 4 Minutes**

When “Hush” is employed, the audible alarm is silenced for the designated period of time; however, the visual display continues to show the current level of C O present.

**IF, after any “Hush”, the C O levels continue to rise to the next higher level, the Monitor will OVER-Ride the “Hush” and reactivate the audible alarm at the higher, faster level of Warning.**

### **Digital Display Data Recall Features:**

After pushing “Recall / Test Button”, Display will show “Cur”, followed by the current C O present if 10 PPM or higher.

Display then shows “HI”, followed by the highest C O in PPM recorded since the last time the Data Storage was Cleared.

Display then shows “OCCUR”, followed by the Elapsed Time in Days, Hours and Minutes since the Peak Reading Exposure occurred.

Display then displays “dur”, followed by the Duration of Time in Hours & Minutes that the C O Exposure stayed within 10% of the “High” Reading.

Display then shows “COHb”, followed by the % of COHb that would have accumulated in the “Average Person”

Display then returns to Display the current level of C O present in the Monitor if 10 PPM or more. If C O present is under 10 PPM, the Display will be blank.

### **Failure Warnings:**

**Low Battery Warning:** Display will show “bAT” for 5 seconds each minute as the Monitor sounds a single Beep, and the Green L E D flashes once a minute.

**Electronic Error Warning [including excessive sensor drift]:** the Display will show “ERR” for 5 seconds each minute, as the monitor sounds a single Beep and the RED L E D flashes once a minute

At the end of “Life” of the Monitor, it will “Beep”, Flash the RED L E D, and the Display will show “Sensor End”.

**Patents Pending**

## **UL - 2034 Listed C O alarms Version in use in 2006**

### **Warning Levels & Cycles:**

**0 to 30 PPM ..... No Warnings**

**30 to 70 PPM ..... Visual Warnings only “Permitted” if alarm has a “Display”; however, Many alarms do NOT display until unit goes into full Audible Alarm.**

**70 PPM ..... alarm should sound after exposure to 70 PPM or more between 60 & 240 minutes.**

**150 PPM ..... alarm should sound after exposure to 150 PPM or more between 10 & 50 minutes.**

**400 PPM ..... alarm should sound after exposure to 400 PPM or more between 4 & 15 minutes.**

**Audible Alarm:** at all Levels is a series of 4 Beeps each cycle, repeated as long as C O remains at alarm levels.

**Hush Cycle:** at all levels is 4 minutes.

**Data Recall:** Alarm may recall the Peak, or highest level of C O recorded, if it has a display.

**Failure Warnings:** low battery, two Beeps a minute  
electronic error, one Beep a minute.

**Sensor Failure:** Not Presently Required

## **C O – Experts**

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