

## TTI “PocketCO” Carbon Monoxide Detector



Miniaturized CO instrument puts quality measurement capability into a tiny and affordable device that can be used by everyone.

The nanotechnology enabled, long-life electrochemical sensor (patents pending) combined with CMOS uP technology provides the lab manager, occupational health professional, or fire fighter with the tool needed for CO exposure assessment. Additionally it is invaluable for any vehicle operator, heating system maintainer, lab technician, or concerned homeowner.

Instant CO measurement; CO monitoring/alarm; plus data logs total CO exposure [ppm-hours] and TWA [ppm]. Low Cost!  
**CO DOSIMETRY AND CO MEASUREMENT MADE SIMPLE.**

**ALSO USEFUL AS A PPM-RANGE HYDROGEN DETECTOR IN SEMICONDUCTOR AND FUEL CELL WORK.**

### OPERATION

One push of the button shows the ambient CO level in ppm units. If ACGIH safety levels are exceeded, an audible beep begins, with repetition frequency increasing as level increases. One push = readings are taken for five minutes; Two push = monitors eight-hours for TWA.

### SERVICE LIFE

One year (warranted). Can be extended by replacement of battery and sensor; no recharger or consumables needed.

### MAINTENANCE

Periodic (3 months recommended) calibration or performance checks recommended. Zero and cal kits available.

### SPECIFICATIONS

Size:	2.4 x 1.4 x 0.6 inches
Weight:	less than 1 ounce, 20 grams; impact-resistant plastic case.
Range:	0-600 ppm CO
Accuracy:	+/- 10% of reading at standard conditions
Response time:	<30 seconds to 90%
Warmup time	2 seconds
Operating life	1 year minimum.
Operating temperature	32-105 F, 0-40 C displayed; readings automatically compensated
Temperature limits	10-120 F; 3-50 C.
Pressure effect	Reading decreases with decreasing pressure, down to 70% at 10,000 ft.
Humidity limits	0-100%RH, non-condensing
Alarms, visual and audio	CO above the 25ppm ACGIH TWA and real time >125 ppm. Temperature above 105 F (HOT), Temperature below 32 F (COLD) Low battery ----, not calibrated/tamper [CAL].
Sampling mode	Gaseous diffusion
Interferences	None significant, except hydrogen. Useful for ppm H <sub>2</sub> detection
Self-Check	Battery, alarm, display, temp., tamper.

**AVAILABLE FROM Transducer Technology, Inc. [www.transducertech.com](http://www.transducertech.com) 510 – 791 0951**

**And JJS Technical Services 1-877-580-3728**