

Pocket CO, Model 300 – Digital CO Detector & Dosimeter

Size	2.66 x 1.40 x 0.61 inches (67.6 x 35.6 x 15.5 mm)
Weight	< 1 ounce (28 grams)
Range	0-500 ppm CO
Response time	< 90 seconds to 90%
Operating temperature	32-105 F, 0-40 C displayed; readings automatically compensated
Pressure effects	Reading decreases with decreasing pressure, down to 70% at 10,000 ft
Humidity limits	15-85% RH, non-condensing
Alarms (82 dB buzzer @ 24 in, LED, Backlight, Vibrator)	Optional first alarm at or above 50 ppm Second alarm at or above 125 ppm Third alarm at or above 400 ppm Hourly warning when CO above the 8-Hour 25 ppm ACGIH TWA Temperature above 50°C / 122°F: "HOT" displayed Temperature below 0°C / 32°F: "COLD" displayed Low battery warning: "BATT" displayed
Sampling method	Gaseous diffusion
Interferences	None significant, except hydrogen
Periods of Operation	"12-Hour" and "Always On"
Display	Digital LCD with backlight in increments of 1 ppm
User interface	Single button operation
Dosimetry (12-Hour Detection period only)	Calculates and records: Maximum exposure (ppm), time of max exposure (minutes since turned on), total exposure in ppm-hours, 8-hour time weighted average (TWA)
Tests	Self-Test on startup checks circuitry, alarms, battery and operating temperature. Does not check sensor
Calibration	Recommended at least once per year, or whenever accuracy of reading is critical
Sensor	Transducer Technology T-Series electrochemical
Battery information	Battery check on startup and during operation. User replaceable CR2450 coin battery
Warranty	One year (excluding battery)

