



KWJENGINEERING INC

INNOVATIVE SOLUTIONS FOR GAS DETECTION

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Pocket CO, Model 300 – Digital CO Detector & Dosimeter

Size:	2.66 x 1.40 x 0.61 inches (67.6 x 35.6mm x15.5 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 1x 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)

