

**A. W. SPERRY**  
OPERATING  
INSTRUCTIONS

**CO TRAC**  
CO-500

1. Switch unit on - allow approx 30 seconds for the unit to stabilise
2. If required set to zero using screw on the reverse of the instrument
3. Low battery warning - when 'LOW BATT' appears in display replace with 9 volt PP3 or equivalent
4. If CO is present. Instrument will read to the nearest 1ppm
5. For flue gas CO measurement an adaptor with aspirator is available
6. We recommend the instrument is returned for calibration check every 12 months

N.B. Cigarette smoke contains a high concentration of CO (carbon monoxide)

EFFECT OF CARBON MONOXIDE ON THE HUMAN BODY		
Concentration of CO in the air		Inhalation time and toxic symptoms developed
	50 ppm	Safety level as specified by Health and Safety
0.02%	200 ppm	Slight headache within 2-3 hours
0.04%	400 ppm	Frontal Headache within 1-2 hours becoming widespread in 3 hours
0.08%	800 ppm	Dizziness, Nausea, Convulsion within 45 minutes, Insensible in 2 hours
0.16%	1,600 ppm	Headache, Dizziness, Nausea within 20 minutes, Death in 2 hours
0.64%	6,400 ppm	Headache, Dizziness in 1-2 minutes, Death in 10-15 minutes
1.28%	12,800 ppm	Death in 1-3 minutes

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