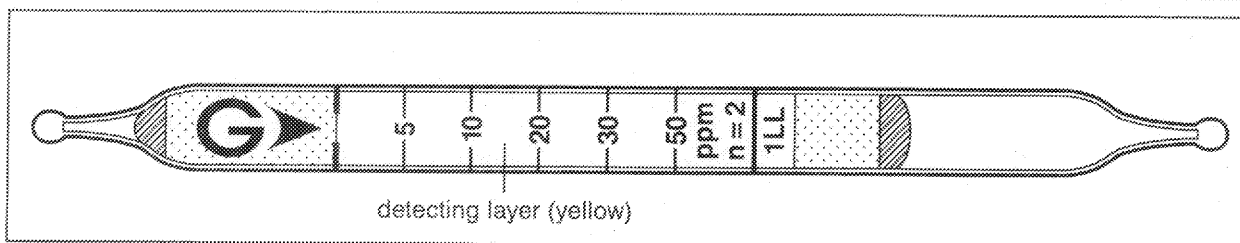


# Carbon Monoxide CO

No.1LL



## Performance

Measuring range	5 to 50 ppm
Number of pump strokes	2 (200 ml)
Correction factor	1
Sampling time	4 min
Detecting limit :	1 ppm (2 pump strokes)
Colour change :	Yellow → Blackish brown
Corrections for temperature & humidity :	Unnecessary
Relative standard deviation :	15 % (for 5 to 10 ppm), 10 % (10 to 50 ppm)
Shelf life :	3 years

## Reaction principle



## Possible coexisting substances and their interferences (NOTE : Page 2-5)

Substance	Concentration	Interference	Changes colour by itself to
Acetylene	≧ 1/50	+	Dark brown
Hydrogen sulphide	≧ 1/5	+	
Sulphur dioxide	≧ 1/10	+	
Nitrogen dioxide	≧ 40 ppm	+(Bleaching)	Red

## Calibration gas generation

High pressure gas cylinder method

## Special note

The demarcation of colour change layer might not be clear. If this is the case, read the tube at the demarcation (NOT at the middle point between the dark layer end and the pale layer end).