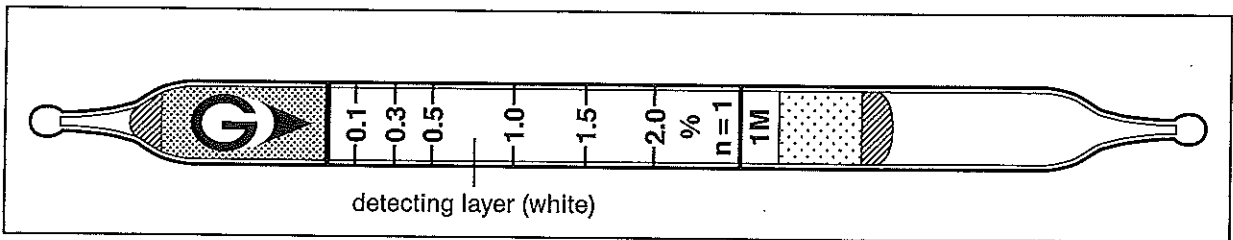


Carbon Monoxide CO

No.1M



Performance

Measuring range	0.05 to 0.1 %	0.1 to 2 %	2 to 4 %
Number of pump strokes	2 (200 ml)	1 (100 ml)	1/2 (50 ml)
Correction factor	1/2	1	2
Sampling time	2 min	1 min	30 sec

Detecting limit : 0.01 % (2 pump strokes)
 Colour change : White → Pale brown
 Corrections for temperature & humidity : Unnecessary
 Relative standard deviation : 10 % (for 0.1 to 0.5 %), 5 % (0.5 to 2 %)
 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	≧ 0.1 %	+	Brown
Butane	≧ 0.3 %	+	
Propane	≧ 10 %	+	} Pale brown (whole layer)
Hexane	≧ 0.1 %	+	
Olefins (Ethylene, Propylene)	≧ 2/3	+	} Pale brown

Other substance measurable with this detector tube

Substance	Correction	No. of pump strokes	Measuring range
Gasoline	Factor : 1	1	0.1 to 2 %

Calibration gas generation

High pressure gas cylinder method