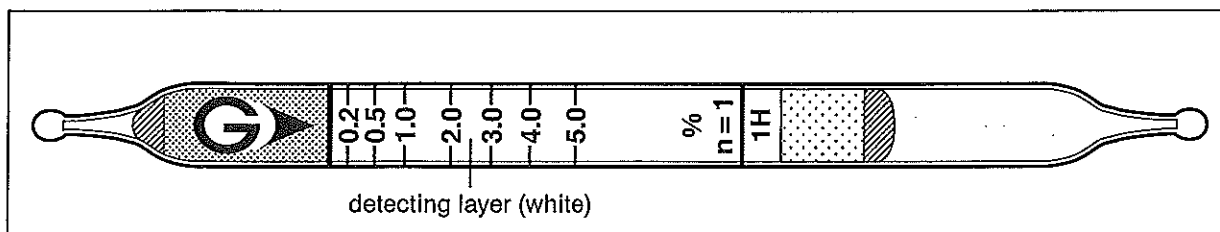


Carbon Monoxide CO

No.1H

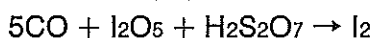


Performance

Measuring range	0.1 to 0.2 %	0.2 to 5 %	5 to 10 %
Number of pump strokes	2 (200 ml)	1 (100 ml)	1/2 (50 ml)
Correction factor	1/2	1	2
Sampling time	1.5 min	45 sec	30 sec

Detecting limit : 0.02 % (2 pump strokes)
 Colour change : White → Blackish brown
 Corrections for temperature & humidity : Unnecessary
 Relative standard deviation : 10 % (for 0.2 to 1 %), 5 % (for 1 to 5 %)
 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	$\geq 0.3 \%$	+	Blackish brown
Olefins (Ethylene, Propylene)	$\geq 2/3$	+	} Brown
Butane	$\geq 1\%$	+	
Hexane	$\geq 0.3 \%$	+	} Pale brown (whole layer)
Propane	$\geq 20\%$	+	

Calibration gas generation

High pressure gas cylinder method