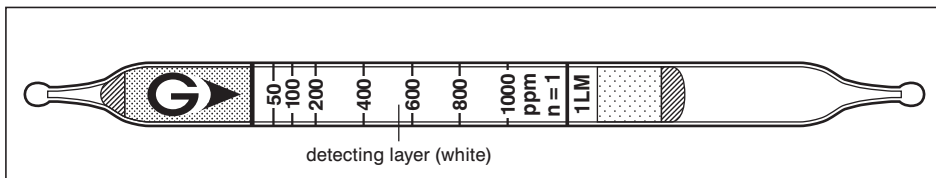


Carbon Monoxide CO

No.1LM

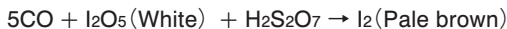


Performance

Measuring range	25 to 50 ppm	50 to 1000 ppm	1000 to 2000 ppm
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 : 5 ppm (2 pump strokes)
 Colour change : White → Pale brown / Pale green (dual layers)
 Corrections for temperature & humidity : Unnecessary
 Relative standard deviation : 10 % (for 50 to 200 ppm), 5 % (for 200 to 1000 ppm)
 Shelf life : 3 years

Reaction principle



Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Hydrogen		No	No
Acetylene, Olefins		+	} Pale brown
Propane, Butane, Hexane		+	

Calibration gas generation

High pressure gas cylinder method