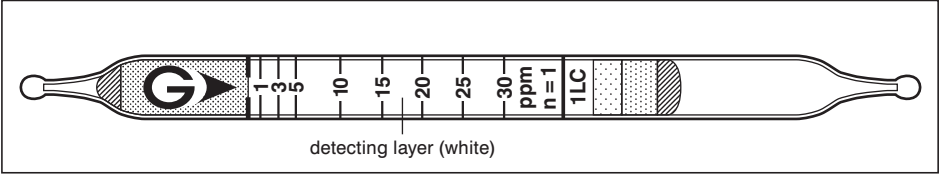


Carbon Monoxide CO

No.1LC



Performance

Measuring range	1 to 30 ppm
Number of pump strokes	1 (100 ml)
Correction factor	1
Sampling time	4 min
Detecting limit :	0.5 ppm (1 pump stroke)
Colour change :	White → Pale pink
Corrections for temperature & humidity :	Temperature correction is necessary.
Relative standard deviation :	10 % (for 1 to 10 ppm), 5 % (for 10 to 30 ppm)
Shelf life :	2 years

Reaction principle

CO + Palladium salt (White) → Pale pink product

Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Ammonia		No	} No
Sulphur dioxide	$\geq 1/20$	-	
Nitrogen dioxide	$\geq 1/20$	+	

Calibration gas generation

High pressure gas cylinder method