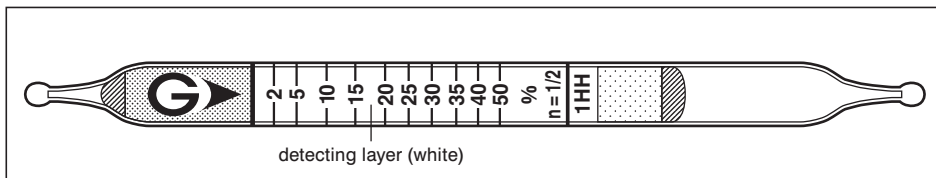


Carbon Monoxide CO

No.1HH



Performance

Measuring range	1 to 2 %	2 to 50 %
Number of pump strokes	1 (100 ml)	1/2 (50 ml)
Correction factor	1/2	1
Sampling time	2 min	1 min

Detecting limit : 0.5 % (1 pump stroke)
 Colour change : White → Blackish brown
 Corrections for temperature & humidity : Unnecessary
 Relative standard deviation : 10 % (for 2 to 15 %), 5 % (for 15 to 50 %)
 Shelf life : 3 years

Reaction principle



Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Acetylene	$\geq 0.2 \%$	+	Blackish brown
Olefins (Ethylene, Propylene)	$\geq 2/3$	+	Brown
Butane	$\geq 1\%$	+	} Pale brown (whole layer)
Propane	$\geq 20 \%$	+	

Calibration gas generation

High pressure gas cylinder method