

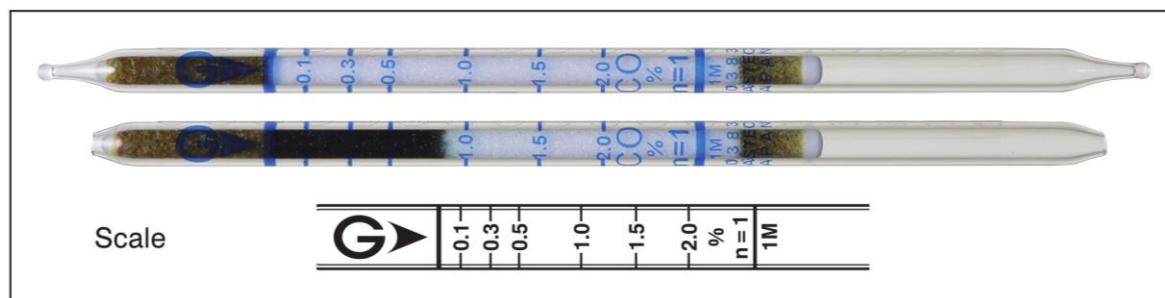


Carbon Monoxide CO

Part No.: 1M

Carbon Monoxide CO

No.1M



Performance

Measuring range	0.05 to 0.1 %	0.1 to 2.0 %	2.0 to 4.0 %
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		
Operating conditions :	Temperature 0 to 40 °C (32 to 104 °F) correction not used Relative humidity 0 to 90 % correction not used		
Relative standard deviation :	10 % (for 0.1 to 0.5 %), 5 % (for 0.5 to 2 %)		
Tube quantity and number of tests per box :	10 tubes for 10 tests		
Shelf life :	36 months		

Reaction principle



Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Acetylene	$\geq 0.1 \%$	+	Blackish brown
Butane	$\geq 0.3 \%$	+	} Pale brown (whole layer)
Propane	$\geq 10 \%$	+	
Hexane	$\geq 0.1 \%$	+	} Pale brown
Olefins (Ethylene, Propylene)	$\geq 2/3$	+	

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