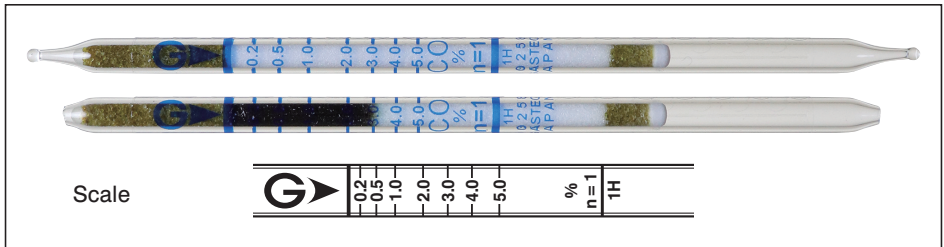


Carbon Monoxide CO

No.1H



Performance

Measuring range	0.1 to 0.2 %	0.2 to 5.0 %	5.0 to 10.0 %
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
 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 0.2 to 1 %), 5 % (for 1 to 5 %)
 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	≧ 0.3 %	+	Blackish brown
Olefins (Ethylene, Propylene)	≧ 2/3	+	Brown
Butane	≧ 1 %	+	} Pale brown (whole layer)
Hexane	≧ 0.3 %	+	
Propane	≧ 20 %	+	No

Calibration gas generation

High pressure gas cylinder method