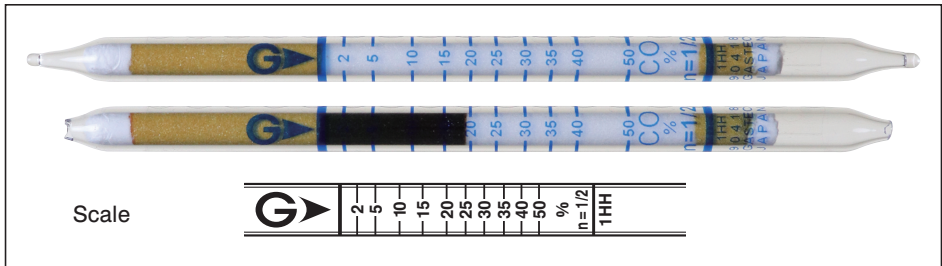


Carbon Monoxide CO

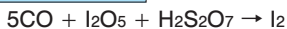
No.1HH



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	
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 2 to 15 %), 5 % (for 15 to 50 %)	
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	≧ 0.2 %	+	Blackish brown
Olefins (Ethylene, Propylene)	≧ 2/3	+	Brown
Butane	≧ 1 %	+	} Pale brown (whole layer)
Propane	≧ 20 %	+	

Calibration gas generation

High pressure gas cylinder method