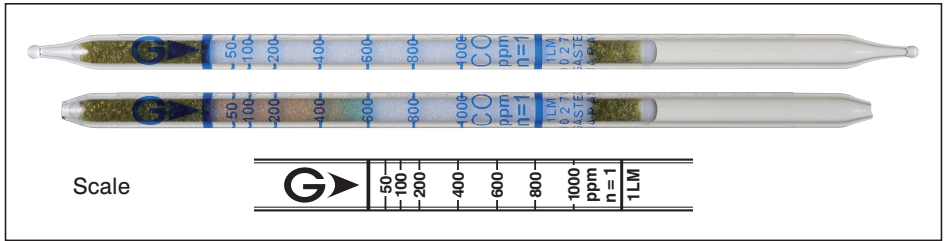


Carbon Monoxide CO

No. 1LM

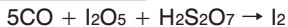


Performance

Measuring range	25 to 50 ppm	50 to 1000 ppm	1000 to 2000 ppm
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 : 5 ppm (2 pump strokes)
 Colour change : White → Pale brown / Pale green(dual layers)
 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 50 to 200 ppm) , 5 % (for 200 to 1000 ppm)
 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
Hydrogen		No	No
Acetylene, Olefins		+	} Pale brown
Propane, Butane, Hexane		+	

Calibration gas generation

High pressure gas cylinder method

Special note

This detector tube is suitable for measuring concentrations of carbon monoxide in hydrogen gas.