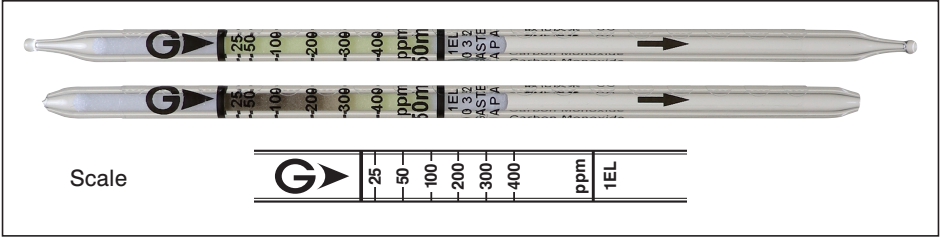


Carbon monoxide CO

No.1EL



Performance

Measuring range	25 to 400 ppm
Number of pump strokes	1 (50mL)
Correction factor	1
Sampling time	1.5 min
Detecting limit :	10 ppm (1 pump stroke)
Colour change :	Yellow → 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 25 to 100 ppm), 5 % (for 100 to 400 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	≥ 5000 ppm	Unclear demarcation	Blackish brown at 1% (whole layer)
Sulphur dioxide	$\geq 1/10$	+	Blackish brown
Nitrogen dioxide	≥ 40 ppm	+ (bleaching)	Red at 60ppm
Carbon disulphide	$\geq 1/50$	+	} Blackish brown
Hydrogen sulphide	$\geq 1/5$	+	
Acetylene	$\geq 1/50$	+	
Other mercaptans	$\geq 1/5$	+	

Calibration gas generation

High pressure gas cylinder method