

# Carbon Monoxide CO

No.1LL



## Performance

Measuring range	5 to 50 ppm
Number of pump strokes	2 (200 mL)
Correction factor	1
Sampling time	6 min
Detecting limit :	1 ppm (2 pump strokes)
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 :	15 % (for 5 to 10 ppm), 10 % (for 10 to 50 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
Acetylene	$\geq 1/50$	+	} Blackish brown
Hydrogen sulphide	$\geq 1/5$	+	
Sulphur dioxide	$\geq 1/10$	+	
Nitrogen dioxide	$\geq 40$ ppm	+ (Bleaching)	Red

## Calibration gas generation

High pressure gas cylinder method

## Special note

The demarcation of colour change layer might not be clear. If this is the case, read the tube at the demarcation (NOT at the middle point between the dark layer end and the pale layer end).