

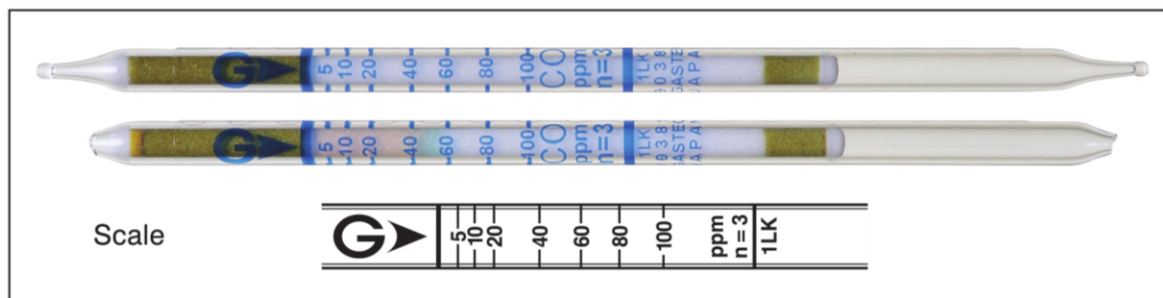


## Carbon Monoxide CO

Part No.: 1LK

# Carbon Monoxide CO

No.1LK



### Performance

Measuring range	5 to 100 ppm	100 to 300 ppm	300 to 600 ppm
Number of pump strokes	3 (300 mL)	1 (100 mL)	1/2 (50 mL)
Correction factor	1	3	6
Sampling time	6 min	2 min	1 min
Detecting limit :	0.5 ppm (3 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 5 to 20 ppm) , 5 % (for 20 to 100 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	< 10%	- 15%	No
Ammonia			
Carbon dioxide			
Hydrogen sulphide			
Nitrogen oxides			
Sulphur dioxide			

Most of organic gases are trapped in the pretreatment (tan) layer. If the pretreatment reagent is entirely consumed, a higher reading will be given.

### Calibration gas generation

High pressure gas cylinder method

### Special note

This detector tube is suitable for measuring concentrations of carbon monoxide in hydrogen gas.  
If the hydrogen concentration is less than 10% the Detector Tube reading will be low.