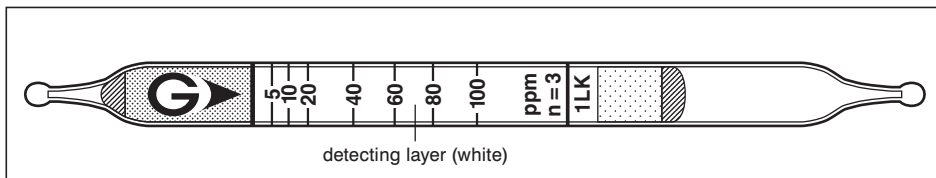


# Carbon Monoxide CO

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)  
 Corrections for temperature & humidity : Unnecessary  
 Relative standard deviation : 10 % (for 5 to 20 ppm), 5 % (for 20 to 100 ppm)  
 Shelf life : 3 years

## Reaction principle



## Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Hydrogen	< 10%	- 15 % No	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.