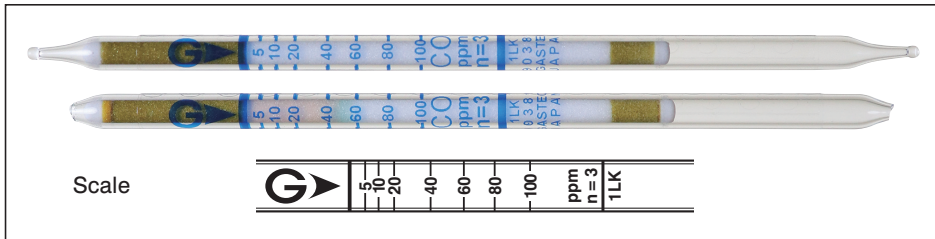


Carbon Monoxide CO

No.1LK

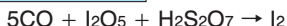


Performance

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	} } } } } } } 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.