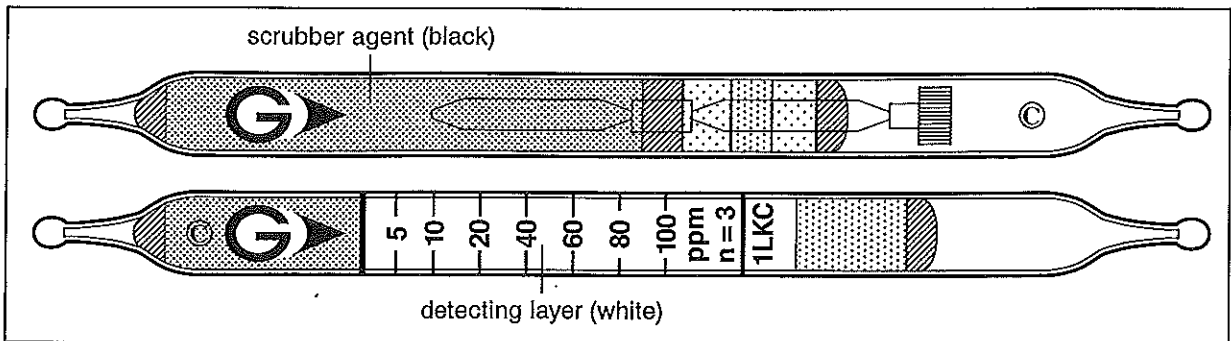


Carbon Monoxide CO

No. 1LKC



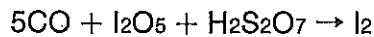
Performance

When used, these tubes are to be connected. See page 2-3.

Measuring range	5 to 100 ppm
Number of pump strokes	3 (300 ml)
Correction factor	1
Sampling time	6 min

Detecting limit : 2 ppm (3 pump strokes)
 Colour change : White → Pale brown/Pale green(may produce dual layers)
 Corrections for temperature & humidity : Unnecessary.
 Relative standard deviation : 5 % (for 5 to 100 ppm)
 Shelf life : 3 years

Reaction principle



Possible coexisting substances and their interferences (NOTE : Page 2-5)

Substance	Concentration	Interference	Changes colour by itself to
Hydrogen	< 10 %	- 15 %	No
Paraffinic hydrogen C ₆ or less (RH0 %)	≅ 15 %	No	Pale brown when higher than 15 %
Ethylene (RH0 %)	≅ 2 %	No	Pale brown when higher than 3 %
Propylene (RH0 %)	≅ 15 %	No	Pale brown when higher than 15 %
Acetylene (RH0 %)	≅ 200 ppm	No	Pale brown when higher than 250 ppm
Carbon dioxide, Nitrogen oxides Hydrogen sulphide		No	No

Calibration gas generation

High pressure gas cylinder method

Special note

This detector tube is suitable for measuring concentrations of carbon monoxide in hydrogen gas.