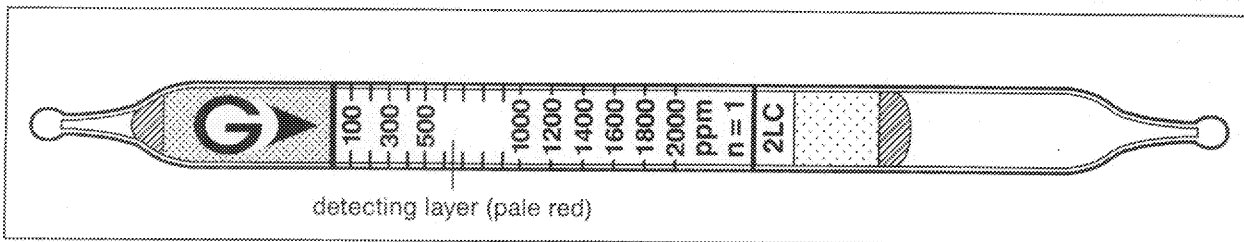


Carbon Dioxide CO₂

No.2LC



Performance

Measuring range	100 to 2000 ppm	2000 to 4000 ppm
Number of pump strokes	1 (100 ml)	1/2 (50 ml)
Correction factor	1	2
Sampling time	2 min	1 min

Detecting limit : 20 ppm (1 pump stroke)

Colour change : Pale red → Yellow

Corrections for temperature & humidity : Unnecessary

Relative standard deviation : 10 % (for 100 to 600 ppm), 5 % (for 700 to 2000 ppm)

Shelf life : 2 years

Reaction principle



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

Substance	Concentration	Interference	Changes colour by itself to
Ammonia	≤ 1000 ppm	No	} No
Hydrogen chloride	≤ 500 ppm	No	
Chlorine	≤ 20 ppm	No	
Hydrogen cyanide	≤ 100 ppm	No	
Hydrogen sulphide	≤ 100 ppm	No	
Sulphur dioxide	≤ 25 ppm	No	
Nitrogen dioxide	≤ 20 ppm	No	

Calibration gas generation

High pressure gas cylinder method