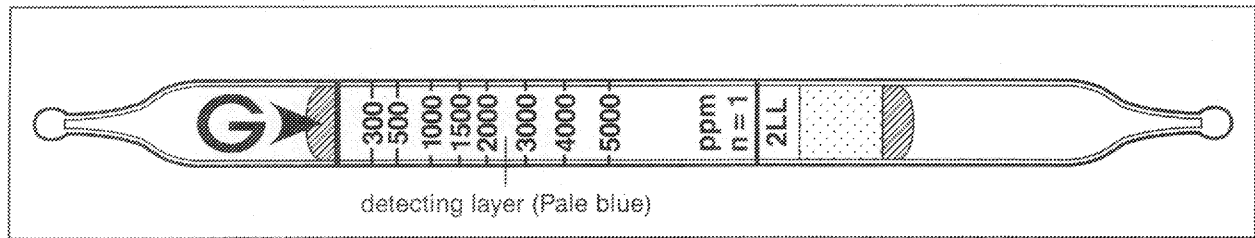


Carbon Dioxide CO₂

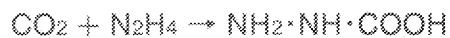
No.2LL



Performance

Measuring range	300 to 5000 ppm
Number of pump strokes	1 (100 ml)
Correction factor	1
Sampling time	2 min
Detecting limit :	30 ppm (1 pump stroke)
Colour change :	Pale blue → Purple
Corrections for temperature & humidity :	Unnecessary
Relative standard deviation :	10 % (for 300 to 1000 ppm), 5 % (for 1000 to 5000 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
Amines		} No	} No
Ammonia			
Carbon monoxide			
Chlorine			
Hydrogen chloride			
Nitrogen oxides			
Organic gases & vapours			
Sulphur dioxide			

Calibration gas generation

High pressure gas cylinder method