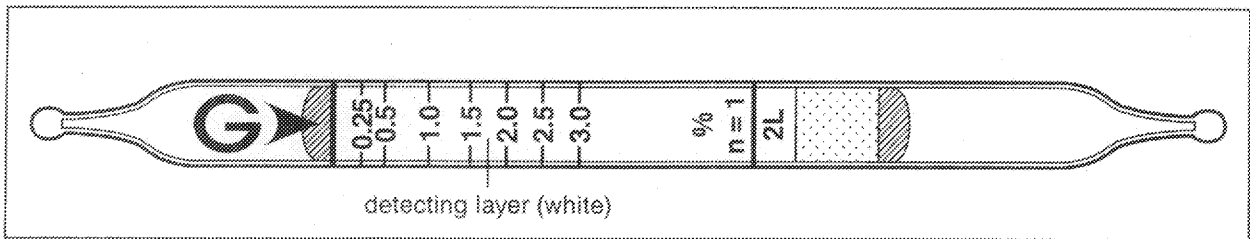


Carbon Dioxide CO₂

No.2L

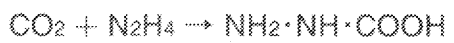


Performance

Measuring range	0.13 to 0.25 %	0.25 to 3 %	3 to 6 %
Number of pump strokes	2 (200 ml)	1 (100 ml)	1/2 (50 ml)
Correction factor	1/2	1	2
Sampling time	4 min	2 min	1 min

Detecting limit : 0.025 % (2 pump strokes)
 Colour change : White → Purple
 Corrections for temperature & humidity : Unnecessary
 Relative standard deviation : 10 % (for 0.25 to 1 %), 5 % (for 1 to 3 %)
 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