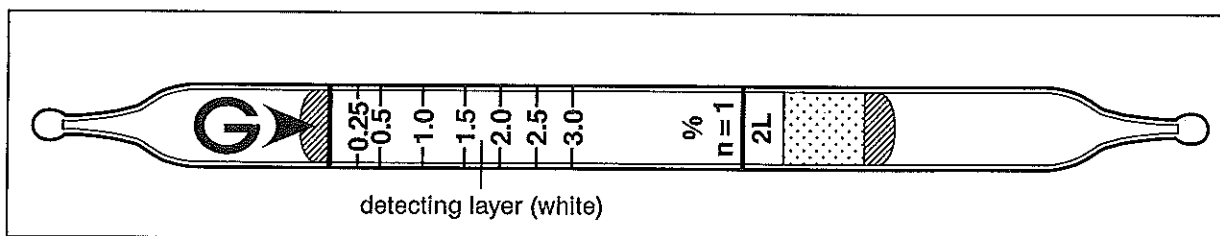


# Carbon Dioxide CO<sub>2</sub>

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	3 min	1.5 min	45 sec

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