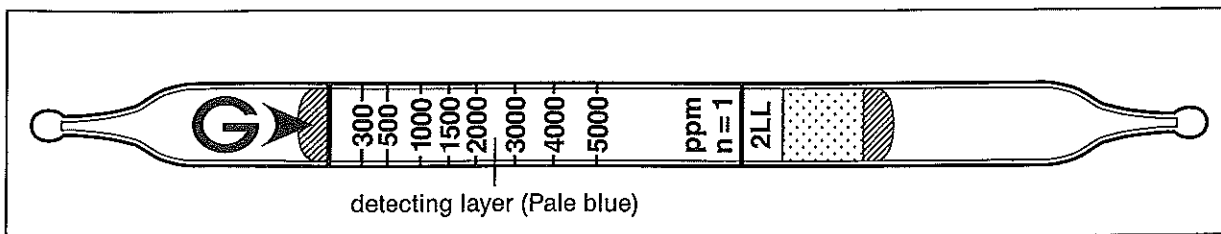


# Carbon Dioxide CO<sub>2</sub>

No.2LL



## Performance

Measuring range	300 to 5000 ppm
Number of pump strokes	1 (100 ml)
Correction factor	1
Sampling time	1.5 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