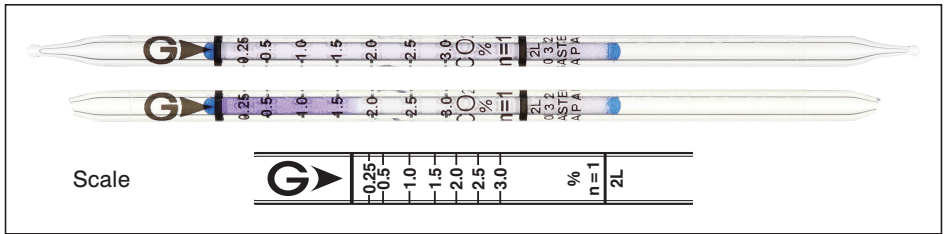


# Carbon Dioxide CO<sub>2</sub>

No.2L



## Performance

Measuring range	0.13 to 0.25 %	0.25 to 3.0 %	3.0 to 6.0 %
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
Operating conditions :	Temperature 0 to 40 °C (32 to 104 °F) correction not used Relative humidity 0 to 90 % correction not used
Relative standard deviation :	10 % (for 0.25 to 1 %), 5 % (for 1 to 3 %)
Tube quantity and number of tests per box :	10 tubes for 10 tests
Shelf life :	36 months

## Reaction principle



## Possible coexisting substances and their interferences

Substance	Concentration:	Interference	Changes colour by itself to
Amines		} No	} No
Ammonia			
Carbon monoxide			
Chlorine			
Hydrogen chloride			
Nitrogen oxides			
Organic compounds			
Sulphur dioxide			

## Calibration gas generation

High pressure gas cylinder method