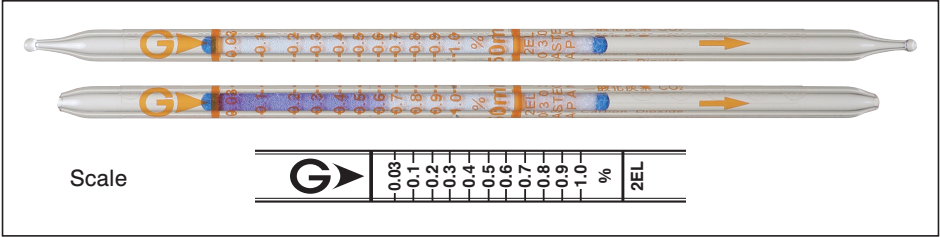


# Carbon dioxide CO<sub>2</sub>

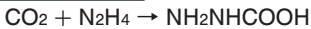
No.2EL



## Performance

Measuring range	0.03 to 1.0 %
Number of pump strokes	1 (50mL)
Correction factor	1
Sampling time	1 min
Detecting limit :	0.005 % (1 pump stroke)
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 0.03 to 0.3 %), 5 % (for 0.3 to 1.0 %)
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
Ammonia		No	No
Carbon monoxide			
Hydrogen chloride,Chlorine			
Nitrogen oxides			
Sulphur dioxide			
Other amines			
Organic compounds			

## Calibration gas generation

High pressure gas cylinder method