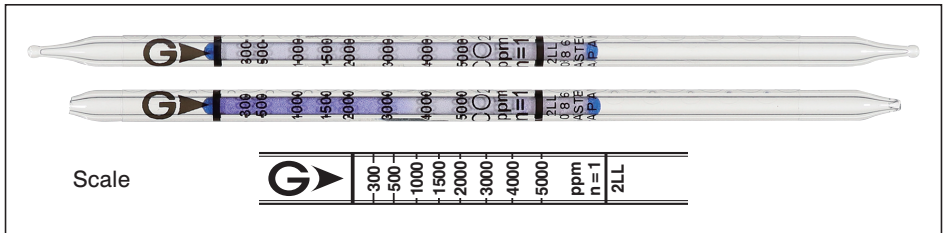


Carbon Dioxide CO₂

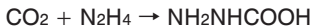
No.2LL



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
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 300 to 1000 ppm), 5 % (for 1000 to 5000 ppm)
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