

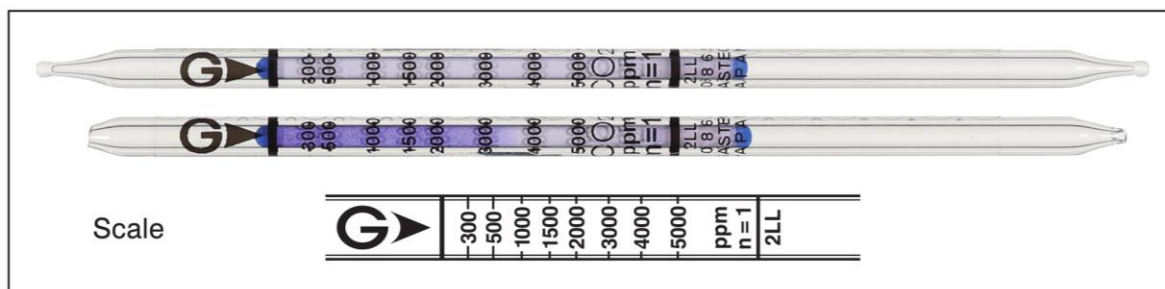


Carbon Dioxide CO₂

Part No.: 2LL

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