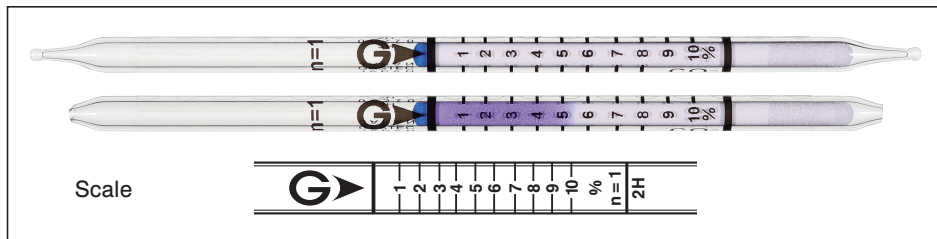


Carbon Dioxide CO₂

No.2H



Performance

Measuring range	0.5 to 1 %	1 to 10 %	10 to 20 %
Number of pump strokes	2 (200 mL)	1 (100 mL)	1/2 (50 mL)
Correction factor	1/2	1	2
Sampling time	1.5 min	45 sec	30 sec

Detecting limit :	0.1 % (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 1 to 3 %), 5 % (for 3 to 10 %)
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			
Hydrogen sulphide			
Nitrogen oxides			
Organic compounds			
Sulphur dioxide			

Calibration gas generation

High pressure gas cylinder method