



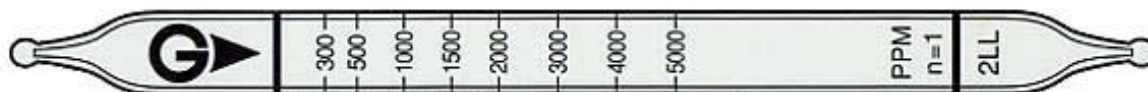
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Gastec Tube Datasheet

Carbon Dioxide

CO₂

No.GAS2LL



Performance

Measuring Range	300 to 5000 ppm
Number of Pump Strokes	300 to 5000 ppm (n=1)
Correction Factor	1
Sampling Time	2 minutes per pump stroke
Detecting Limit	30 ppm (n=1)
Colour Change	White → Purple
Reaction Principle	Carbon dioxide reacts with detecting agent to give indicator to purple.
Coefficient of Variation	10% (for 300 to 1000 ppm), 5% (for 1000 to 5000 ppm)
Shelf Life	Up to 3 Years
Corrections for temperature & humidity	Unnecessary

Store the tubes at cool and dark place.

Possible coexisting substances and their interferences

Substance	Concentration	Interference	Change colour by itself
Ammonia	-	No effect	No discoloration
Carbon Monoxide	-	No effect	No discoloration
Hydrogen chloride, Chlorine	-	No effect	No discoloration
Nitrogen oxides	-	No effect	No discoloration
Sulphur dioxide	-	No effect	No discoloration
Amines	-	No effect	No discoloration
Organic solvents	-	No effect	No discoloration

Calibration gas generation High pressure gas cylinder method

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