



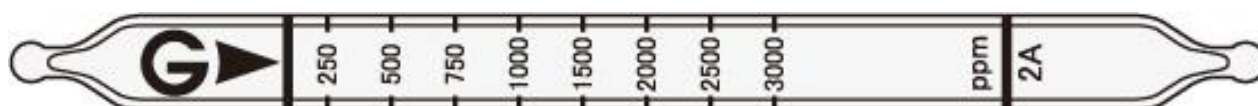
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## Gastec Tube Datasheet

**Carbon Dioxide**

CO<sub>2</sub>

**NO.GAS2A**



### Performance

Measuring Range	250 to 3000 ppm
Sampling Rate	100ml/min (500ml)
Correction Factor	1
Sampling Time	5 minutes
Colour Change	Orange Yellow → Yellow
Reaction Principle	$\text{CO}_2 + 2\text{KOH} \longrightarrow \text{K}_2\text{CO}_3 + \text{H}_2\text{O}$
Coefficient of Variation	10% (for 250 to 1000 ppm), 5% (for 1000 to 3000 ppm)
Shelf Life	Up to 2 years
Corrections for temperature & humidity	Unnecessary
Store the tubes at cool and dark place.	

**Calibration gas generation** High pressure gas cylinder method

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