



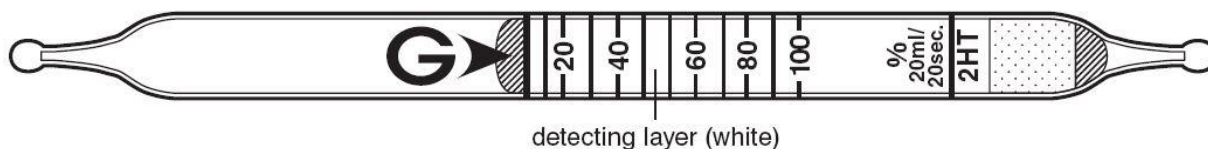
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Gastec Tube Datasheet

**Carbon
Dioxide**

CO₂

NO.GAS2HT



Performance

Measuring Range	(10) to 100%
Sampling Volume	20ml
Sampling Injection Time	20 Seconds
Detecting Limit	2%
Colour Change	White → Purple
Corrections for Temperature & Humidity	Unnecessary
Reaction Principle	CO ₂ + N ₂ H ₄ → NH ₂ NHCOOH
Relative Standard Deviation	10 % (for 10 to 30 % , 5 % (for 30 to 100 %)
Shelf Life	Up to 3 Years
Store the tubes at cool and dark place.	

Possible coexisting substances and their interferences

Substance	Concentration	Interference	Change colour by itself
Amines	-	No	No
Ammonia	-	No	No
Carbon Monoxide	-	No	No
Chlorine	-	No	No
Hydrogen Chloride	-	No	No
Hydrogen Sulphide	-	No	No
Nitrogen Oxides	-	No	No
Organic Compounds	-	No	No
Sulphur Dioxide	-	No	No

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Certificate No 996
ISO 9001, ISO 14001
OHSAS 18001



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Calibration gas generation High pressure gas cylinder method

Note: This detector tube can be used only with the No.61

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