



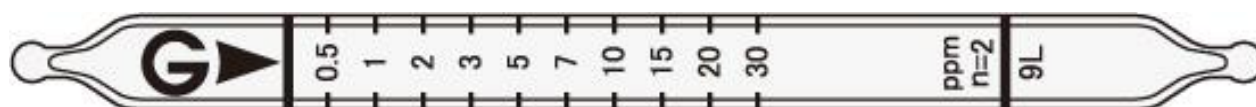
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Gastec Tube Datasheet

Nitrogen Dioxide

NO₂

NO.GAS9L



Performance

Measuring Range	0.5 to 30 ppm	30 to 125 ppm
Number of pump strokes	2 (200 ml)	1 (100 ml)
Correction Factor	1	By scale
Sampling Time	2 minutes	1 minute
Colour Change	White → Yellowish Orange	
Reaction Principle	NO ₂ + o-Tolidine → Yellowish Orange product	
Coefficient of Variation	10% (for 0.5 to 3 ppm), 5% (for 3 to 30 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 to
Arsine	20 ppm	+	Brown
Hydrogen Selenide	20 ppm	+	Brown
Hydrogen Sulphide	10 ppm	+	Dark brown

Calibration gas generation Permeation tube method

a1-cbiss Ltd

5 Valiant Way, Lairdside Technology Park, Tranmere, CH41 9HS

www.a1-cbiss.com | sales@a1-cbiss.com | Tel: +44(0)151 666 8300 | Fax: +44(0)151 666 8329

VAT No: 539 5178 13 Company Reg No: 2414633



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