

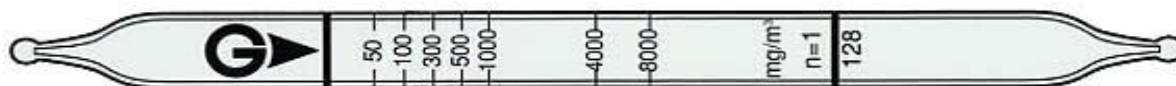


The people with the solutions that protect you and your environment everyday

Gastec Tube Datasheet

Stoddard Solvent

NO.GAS128



Performance

Measuring Range	50 to 8000 mg/m ³
Number of Pump Strokes	1
Correction Factor	1
Sampling Time	1.5 minutes per pump stroke
Detecting Limit	5 mg/m ³ (n=1)
Colour Change	White → Brown (ring)
Reaction Principle	Stoddard Solvent + I ₂ O ₅ + H ₂ S ₂ O ₇ → I ₂
Coefficient of Variation	15% (for 50 to 300 mg/m ³), 10% (for 300 to 8000 mg/m ³)
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	Result	Change colour by itself
Carbon monoxide	≥0.1%	Plus error	Pale brown (whole layer)
Acetylene, Hexane, Ethylene	≥0.2%	No effect	Pale brown (whole layer)
Alcohols, Ketones, Esters	-	Plus error	Pale brown (whole layer)
Aromatic hydrocarbons	-	Plus error	Dark green

Calibration gas generation Vapour pressure method

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