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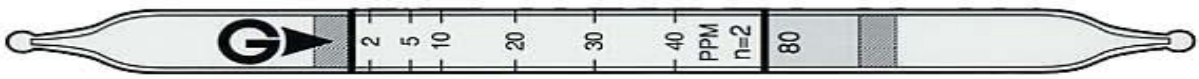
Gastec Tube Datasheet

Acid gases NO.GAS80



Performance (Acetic acid)

Measuring Range	1 to 2 ppm	2 to 40 ppm	40 to 80 ppm
Number of Pump Strokes	4	2	1
Correction Factor	1/2	1	2
Sampling Time	45 seconds per pump stroke		
Detecting Limit	0.5 ppm (n=4)		
Colour Change	Pale bluish purple → Yellow		
Reaction Principle	Acid gases react with detecting layer to produce yellow stain.		
Coefficient of Variation	10% (for 2 to 40 ppm)		
Shelf Life	Up to 2 Years		
Corrections for temperature & humidity	Unnecessary		
Store the tubes in dark and cool place			

Substances measurable with this detector tube

Substance	Correction	Pump strokes	Colour Change	Measuring range
Hydrogen Chloride	4	2	Pale reddish purple	8 to 160 ppm
Chlorine	0.35	2	White	0.7 to 14 ppm
Nitric Acid	2.5	2	Pale reddish purple	5 to 100 ppm
Sulphur Dioxide	0.75	2	Yellow	1.5 to 30 ppm
Nitrogen Dioxide	0.1	2	Pinkish grey	0.1 to 80 ppm
Iodine	0.06	2	Light bluish grey	0.2 to 2.4 ppm

Calibration gas generation Diffusion tube method

Special Note

This detector tube can analyse acid gases qualitatively and quantitatively

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