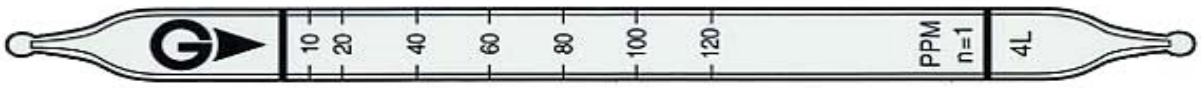
Hydrogen sulphide H_2S NO.4L



Performance

Measuring Range	1 to10 ppm	10 to 120 ppm	120 to 240 ppm
Number of Pump Strokes	2 to 10	1	1/2
Correction Factor	1/2 to 1/10	1	2
Sampling Time	30 seconds per pump stroke		
Detecting Limit	0.2 ppm (n=10)		
Colour Change	White → Brown		
Reaction Principle	Hydrogen sulphide reacts with lead acetate to form lead sulphide, which colour is brown.		
Coefficient of Variation	5% (for 10 to 120 ppm)		
Shelf Life	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
Nitrogen dioxide	≧1/4 time	Minus error	No discoloration
Sulphur dioxide	≧1 time	Plus error	No discoloration
Mercaptans	-	No effect	No discoloration
Hydrogen chloride	-	Bleaching	No discoloration

Calibration gas generation Permeation tube method

TLV-TWA	TLV-STEL	Explosive range
10ppm	15ppm	4.0 to 44%