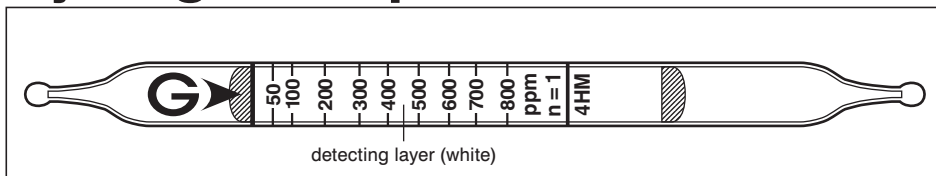


Hydrogen Sulphide H₂S

No.4HM



Performance

Measuring range	25 to 50 ppm	50 to 800 ppm	800 to 1600 ppm
Number of pump strokes	2 (200 ml)	1 (100 ml)	1/2 (50 ml)
Correction factor	1/2	1	2
Sampling time	1.5 min	45 sec	30 sec

Detecting limit : 5 ppm (2 pump strokes)

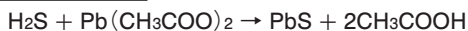
Colour change : White → Brown

Corrections for temperature & humidity : Unnecessary

Relative standard deviation : 5 % (for 50 to 800 ppm)

Shelf life : 3 years

Reaction principle



Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Nitrogen dioxide	≧ 1/4	–	} No
Sulphur dioxide	≧ 1/1	+	
Ammonia		No	
Carbon dioxide		No	
Carbon monoxide		No	
Mercaptans		No	
Organic gases & vapours		No	

Calibration gas generation

Permeation tube method