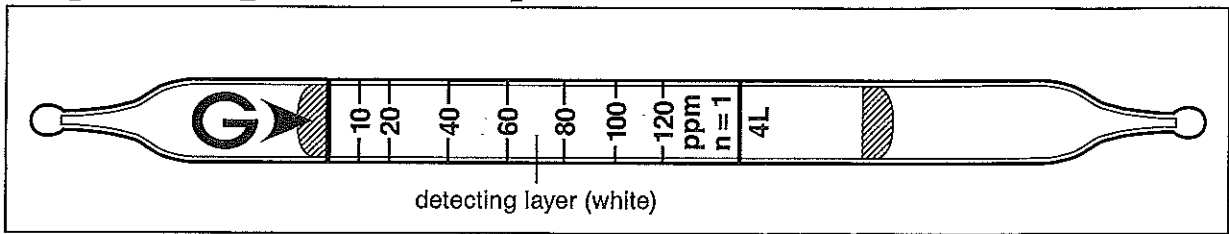


Hydrogen Sulphide H_2S

No.4L

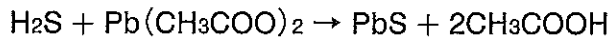


Performance

Measuring range	1 to 10 ppm	10 to 120 ppm	120 to 240 ppm
Number of pump strokes	2 to 10 (200 to 1000ml)	1 (100 ml)	1/2 (50 ml)
Correction factor	1/2 to 1/10	1	2
Sampling time	1.5 to 7.5 min	45 sec	30 sec

Detecting limit : 0.2 ppm (10 pump strokes)
 Colour change : White → Brown
 Corrections for temperature & humidity : Unnecessary
 Relative standard deviation : 5 % (for 10 to 120 ppm)
 Shelf life : 3 years

Reaction principle



Possible coexisting substances and their interferences (NOTE : Page 2-5)

Substance	Concentration	Interference	Changes colour by itself to
Nitrogen dioxide	$\geq 1/4$	-	} No
Sulphur dioxide	$\geq 1/1$	+	
Mercaptans		No	
Hydrogen chloride		Bleaching	

Calibration gas generation

Permeation tube method

TLV-TWA : 1 ppm

TLV-STEL : 5 ppm

Explosive range : 4.0 to 44 %