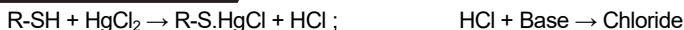


**Specification:**

Measurement Range	Extended	Standard	Extended
	12.5 - 25 ppm	25 - 500 ppm	Do not extend
No. of Pump Strokes	2 (200 ml)	1 (100 ml)	
Volume Correction Factor (VCF)*	0.5	1.0	
Sampling Time	1.5 minutes per pump stroke (100 ml)		
Color Change	Yellow → Pink / Red		
Detection Limit	5 ppm (2 pump strokes)		
Shelf Life	1 year		
Relative standard deviation	± 10 to 15 %		

* Multiply the observed reading by the correction factor (VCF) to obtain the true concentration.

Reaction Principle:**Possible Interferences:**

Compound	Concentration (ppm)	Interference	Color Change / Comments
Other mercaptans		+	Pink / Red
Arsine, Phosphine, HCN		+	Pink / Red

Cross Sensitivity:

Compound	No. of Stroke	Gas correction factor (GCF)*	Measuring Range	Color Change / Comments
Methyl Mercaptan	1	1	25 - 500 ppm	Pink / Red
t-Butyl Mercaptan	1	1	25 - 500 ppm	Pink / Red

*Multiply the observed reading by the correction factor (GCF) to obtain the true concentration.

Correction For Environmental Parameters:

Temperature	Not necessary between 0 - 40°C (32 - 104°F).
Relative humidity	Not necessary between 10 - 90 %.

Calibration Of The Tube :

Static gas Dilution method.

TLV (TWA): 0.5 ppm

TLV (STEL): -----

Flammable Range: 3 – 18 %