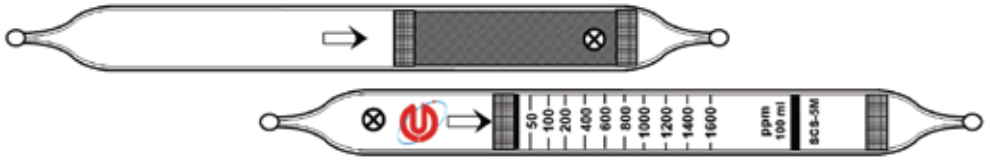


Carbon Disulphide

CS₂

SCS-5M

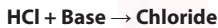
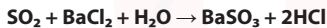
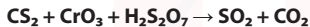


Specification :

Measurement Range	Extended	Standard	Extended
	Do not extend	50 – 1600 ppm	Do not extend
No. of Pump Strokes		1 (100 ml)	
Volume Correction Factor (VCF)*		1.0	
Sampling Time	1.5 minutes per pump stroke (100 ml)		
Color Change	Blue → Yellow		
Detection Limit	20 ppm		
Shelf Life	3 years		
Relative standard deviation	± 10 – 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
Hexane	≤300	No	No Effect
Hydrogen sulphide	100	+	Yellow
Sulphur dioxide	20	+	Yellow

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.