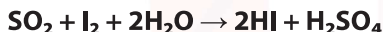
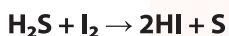


Specification :

	Extended	Standard	Extended
Measurement Range (SO ₂)	0.02 - 0.4%	0.2 - 4%	4 - 8%
No. of Pump Strokes	10(1000 ml)	1 (100 ml)	½ (50 ml)
Volume Correction Factor (VCF)*	0.1	1.0	2.0
Sampling Time	2.0 minutes per pump stroke (100 ml)		
Color Change	Brown → Pale Yellow		
Detection Limit	0.01 % (10 pump strokes)		
Shelf Life	2 year		
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
Reducing Gases		+	Pale 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.