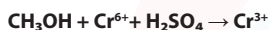


**Specification :**

	Extended	Standard	Extended
Measurement Range (SO ₂)	Do not extend	100 – 5000 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 (100ml)		
Color Change	Yellow → Light green		
Detection Limit	50 ppm		
Shelf Life	2 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
Alcohols		+	Light green
Carbon dioxide	≤10 %	No	No Effect
Carbon monoxide	≤1000	No	No Effect
Hydrogen Sulphide	≤100	No	No Effect
Benzene	≤100	No	No effect
Acetone	≤1%	No	No Effect

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.