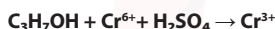


**Specification :**

	Extended	Standard	Extended
Measurement Range (SO ₂)	Do not extend	0.1 – 2.5 %	Do not extend
No. of Pump Strokes		3 (300 ml)	
Volume Correction Factor (VCF)*		1.0	
Sampling Time	1.5 minutes per pump stroke (100 ml)		
Color Change	Orange → Brownish green		
Detection Limit	0.05 % (3 pump strokes)		
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	≥2500	+	Brownish green
Esters		+	Brownish green
Ketones		+	Brownish green
Aromatic hydrocarbons		+	Brownish green
Hydrogen sulfide	≥100	+	Brownish green Diffuse
Carbon dioxide	≤1%	No	No Effect
Carbon monoxide	≤15000	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.