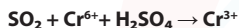
**Specification :**

	Extended	Standard	Extended
Measurement Range	250 – 500	500 - 8000 ppm	8000 - 16000 ppm
No. of Pump Strokes	2 (200 ml)	1 (100 ml)	0.5 (50 ml)
Volume Correction Factor (VCF)*	0.5	1.0	2
Sampling Time	1.5 minute per pump stroke (100 ml)		
Color Change	Yellow → Green		
Detection Limit	100 ppm (2 pump strokes)		
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
Nitrogen dioxide	≥ 100	+	Blue ring
Hydrogen sulphide		+	Light green
Carbon monoxide	≥ 2000	+	Green
Isobutylene		+	Dark brown
Carbon dioxide	≤ 0.3%	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.