

**Specification :**

Measurement Range	Extended	Standard	Extended
	Do not Extend	50 – 1400 ppm	Do not Extend
No. of Pump Strokes		1 (100 ml)	
Volume Correction Factor (VCF)*		1.0	
Sampling Time	4.5 minutes per pump stroke (100 ml)		
Color Change	Pale yellow → Pale green		
Detection Limit	20 ppm (1 pump stroke)		
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
Propane	500	+	Diffuse
Isobutylene	106	+	Pale green
n- Pentane	200	+	Pale green
Hexane	1500	+	Pale green
Hydrogen sulphide	500	+	Ring
Acetone	1000	+	Ring
Methane	≤25000	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.