

**Specification :**

	Extended	Standard	Extended
Measurement Range	0.05 - 0.1 %	0.1 – 3 %	3 – 6%
No. of Pump Strokes	2 (200 ml)	1 (100 ml)	0.5 (50 ml)
Volume Correction Factor (VCF)*	0.5	1.0	2.0
Sampling Time	1 minute per pump stroke (100 ml)		
Color Change	Yellow → Green		
Detection Limit	0.02 % (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 (%)	Interference	Color Change / Comments
Benzene	≥ 100 ppm	+	Green ring
Hydrogen sulphide	≥ 100 ppm	+	Light green
Carbon monoxide	≥ 2000 ppm	+	Light green
Carbon dioxide	≤ 5	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.