

**Specification :**

	Extended	Standard	Extended
Measurement Range	Do not extend	10 – 100 ppm	Do not extend
No. of Pump Strokes		1(100 ml)	
Volume Correction Factor (VCF)*		1.0	
Sampling Time	2.5 minutes per pump stroke (100 ml)		
Color Change	Pale Yellow → Grey		
Detection Limit	5 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 (ethyl alcohol)	200	+	Pale Blue
Esters (ethyl acetate)	200	+	Pale Grey
Ketones (acetones)	200	+	Pale Grey
Aromatic hydrocarbons	200	+	Pale Grey

**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.