

**Specification :**

	Extended	Standard	Extended
Measurement Range	Do not extend	25 – 1000 ppm	1000 – 2000 ppm
No. of Pump Strokes		1 (100 ml)	0.5 (50 ml)
Volume Correction Factor (VCF)*		1.0	2.0
Sampling Time	2.5 minute per pump stroke (100 ml)		
Color Change	White → Brown		
Detection Limit	10 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
Benzene		+	Faint colour change
Toluene		+	Brown
Carbon monoxide	≤ 250	No	No Effect
Nitric oxide	≤ 100	No	No Effect
Hexane	≤ 100	No	No Effect

Correction For Environmental Parameters :

Temperature	Not necessary between 0 - 40°C (32 - 104°F).
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Calibration Of The Tube :

Static gas dilution method.