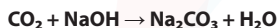


**Specification :**

Measurement Range	Extended	Standard	Extended
	150 - 300 ppm	300 - 5000 ppm	5000 - 10000 ppm
No. of Pump Strokes	4 (400 ml)	2 (200 ml)	1 (100 ml)
Volume Correction Factor (VCF)*	0.5	1.0	2.0
Sampling Time	3.5 minutes per pump stroke (100 ml)		
Color Change	Blue → Off White		
Detection Limit	50 ppm (4 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
Carbon monoxide	≤3000	No	No effect
Ammonia	≤50000	No	No effect
Nitrogen dioxide	≤200	No	No effect
Sulphur dioxide	2050	+	Off white
n-Hexane	≤1500	No	No effect
Toluene	≤400	No	No effect

Correction For Environmental Parameters :

Temperature (°C):	4	20	30	40
Temperature Correction Factor (TCF) *:	0.9	1	1.1	1.2

Relative humidity	Not necessary between 10 - 90 %.
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* Multiply the observed reading by the correction factor (VCF×TCF) to obtain the true concentration.

Calibration Of The Tube :

Static gas dilution method.