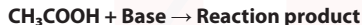
**Specification :**

Measurement Range	Extended	Standard	Extended
	1 – 2 ppm	2 - 40 ppm	40- 80 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	1 minute per pump stroke (100 ml)		
Color Change	Purple → Yellow		
Detection Limit	0.5 ppm (4 pump strokes)		
Shelf Life	2 years		
Relative standard deviation	± 10 to 15 %		

* Multiply the observed reading by the correction factor (VCF) to obtain the true concentration.

Reaction Principle :**Cross Sensitivity:**

Compound	No. of Stroke	Gas correction factor (GCF)*	Measuring Range (ppm)	TLV (ppm)	Color Change / Comments
Hydrochloric acid	2	5.8	11.6 – 232	C:2	Pink with yellow top
Chlorine	2	0.6	1.2 - 24	0.5	White
Iodine	2	0.9	1.8 - 36	0.01	Greenish gray
Nitrogen dioxide	2	1.9	3.8 - 76	3	Yellow
Nitric acid	2	6.6	13.2 - 264	2	Pink with yellow top

*Multiply the observed reading by the correction factor (VCF x GCF) to obtain the true concentration.

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 :

Diffusion tube method.