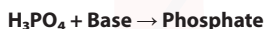
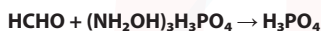
**Specification :**

Measurement Range	Extended	Standard	Extended
	2.5- 5 ppm	5-100 ppm	100- 200 ppm
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	2.5 minutes per pump stroke (100 ml)		
Color Change	Yellow → Pink		
Detection Limit	1 ppm (2 pump strokes)		
Shelf Life	1 year		
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
Aldehydes		+	Pink
Ketones		+	Pink
Acid gases		+	Pink
Hydrogen sulphide	≥100 ppm	+	Light Pink

Cross Sensitivity :

Compound	No. of strokes	Gas Correction Factor (GCF)*	Measuring range (ppm)	TLV (ppm)	Colour change
Propionaldehyde	1	1.1	5.5 - 110	20	Pink

* Multiply the observed reading by the correction factor (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 :

Static gas dilution method.

TLV (TWA): 0.1 ppm

TLV (STEL): 0.3 ppm

Flammable Range: 7.0 – 73 %