



Specification :

Measurement Range	Extended	Standard	Extended
	Do not extend	5 - 100 ppm	Do not extend
No. of Pump Strokes		3 (300 ml)	
Volume Correction Factor (VCF)*		1.0	
Sampling Time	2.0 minutes per pump stroke (100 ml)		
Color Change	White → Brownish Green		
Detection Limit	2 ppm (3 pump strokes)		
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
Hydrogen	100%	No	No Effect
Methane	≤5%	No	No effect
Carbon dioxide	≤5%	No	No Effect
Hydrogen sulphide		+	Brownish Green
Nitrogen dioxide		+	Brownish Green
Sulphur dioxide		+	Diffuse boundary

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.