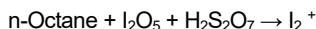


Specification:

Measurement Range	Extended	Standard	Extended
	Do not extend	100-3000 ppm	Do not extend
No. of Pump Strokes		1 (100 ml)	
Volume Correction Factor (VCF)*		1.0	
Sampling Time	1.5 minute per pump stroke (100 ml)		
Color Change	White → Brown		
Detection Limit	100 ppm (1 pump stroke)		
Shelf Life	1 year		
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	Color Change / Comments
Hexane	1	0.7	70-2100 ppm	Brown
n-Heptane	1	0.9	90-2700 ppm	Brown
Nonane	1	1.2	120-3600 ppm	Brown
Decane	1	1.4	140-4200 ppm	Brown

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

Correction For Environmental Parameters:

Temperature (°C):	10	20	30	40
Temperature Correction Factor (TCF) *:	1.2	1	0.9	0.8
Relative humidity	Not necessary between 10 - 90 %.			

* Multiply the observed reading by the correction factor (TCF).

Calibration Of The Tube :

Static gas Dilution method.