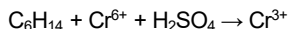


Specification:

Measurement Range	Extended	Standard	Extended
	Do not extend	0.025 – 0.6 %	Do not extend
No. of Pump Strokes	1 (100 ml)		
Volume Correction Factor (VCF)*	1.0		
Sampling Time	1 minute per pump stroke (100 ml)		
Color Change	Orange → Brownish green		
Detection Limit	0.01 % (1 pump stroke)		
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	Color Change / Comments
Cyclohexane	1	1.3	0.0325 - 0.78 %	Brownish Green
n-Pentane	1	0.34	0.0085 - 0.204 %	Brownish Green
n-Octane	1	3.8	0.095 - 2.28 %	Brownish Green
n-Heptane	1	2.35	0.05875 - 1.41 %	Brownish Green

*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): -----

TLV (STEL): -----

Flammable Range: 1.1 – 7.5%