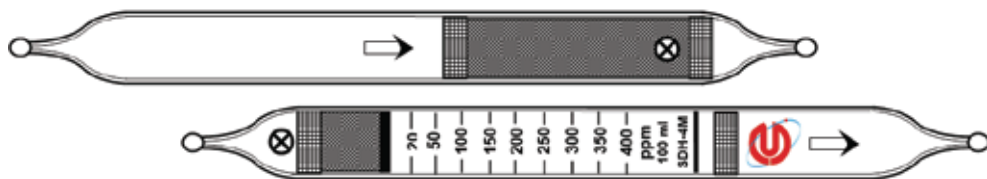


1,2-Dichloroethylene

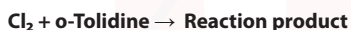
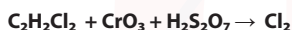
**SDH-4M**

Specification :

Measurement Range	Extended	Standard	Extended
	10 – 20 ppm	20 – 400 ppm	400 – 800 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	2.0 minutes per pump stroke (100 ml)		
Color Change	White → Orange		
Detection Limit	5 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
Trichloroethylene	≥30	+	Orange
Halogen	20	+	Orange
Hydrochloric acid	20	+	Orange

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.