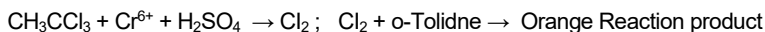
**Specification:**

Measurement Range	<b>Extended</b>	<b>Standard</b>	<b>Extended</b>
	Do not extend	100 – 500 ppm	Do not extend
No. of Pump Strokes	1 (100 ml)		
Volume Correction Factor (VCF)*	1.0		
Sampling Time	2 minutes per pump stroke (100 ml)		
Color Change	White → Orange		
Detection Limit	50 ppm (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:****Possible Interferences:**

Compound	Concentration (ppm)	Interference	Color Change / Comments
1,2-dichloroethane	500	+	Orange

**Cross Sensitivity:**

Tube Reading on STC-4M (ppm)	100	200	300	400	500
1,1,2-Trichloroethane (ppm) n= 2 (200 ml)	230	490	730	1000	1250

**Correction For Environmental Parameters:**

<b>Temperature (°C):</b>	5	20	30	40
<b>Temperature Correction Factor (TCF)* :</b>	2.0	1	0.66	0.5
<b>Relative humidity</b>	Not necessary between 10 - 90 %.			

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

**Calibration Of The Tube :**

Static gas Dilution method.

TLV (TWA): 10 ppm

TLV (STEL): 25 ppm

Flammable Range: 7.5 – 12.5 %