

**Performance**

<b>Measuring Range</b>	0.5 to 2.5 ppm	2.5 to 60 ppm
<b>Number of Pump Strokes</b>	2 to 5	1
<b>Correction Factor</b>	1/2 to 1/5	1
<b>Sampling Time</b>	1.5 minutes per pump stroke	
<b>Detecting Limit</b>	0.2 ppm (n=5)	
<b>Colour Change</b>	White → Yellow	
<b>Reaction Principle</b>	Carbon tetrachloride react with reagent to produce intermediate products in the primary tube. The intermediate products react with reagent in the analyzer tube to produce yellow stain.	
<b>Coefficient of Variation</b>	15% (for 2.5 to 20 ppm), 10% (for 20 to 60 ppm)	
<b>Shelf Life</b>	1 Year	
<b>Corrections for temperature &amp; humidity</b>	Unnecessary	
<b>Store the tubes in the refrigerator to keep at 10°C (50°F) or below.</b>		

**Possible coexisting substances and their interferences**

Substance	Concentration	Interference	Change colour by itself
Hydrogen chloride	≥100ppm	Plus error	Produce yellow stain
Chlorine, Bromine	≥50ppm	Plus error	Produce yellow stain
Vinyl chloride, Methylene chloride, Trichloroethane	-	None	No discoloration
Chloroform	-	None	No discoloration
Methyl bromide	≥100ppm	Plus error	Produce yellow stain
Tetrachloroethylene	-	None	No discoloration
1,1,1-Trichloroethylene	≥100ppm	Plus error	Produce yellow stain

**Other substance measurable with this detector tube**

Substance	Correction Factor	Pump Strokes	Measuring Range
Chloropicrin	1.0	1	25 to 60 ppm

**Calibration gas generation** Diffusion tube method

TLV-TWA	TLV-STEL	Explosive range
5ppm	10ppm	-