

**Performance**

Measuring Range	0.25 to 0.5%	0.5 to 10%
Number of Pump Strokes	1	1/2
Correction Factor	1/2	1
Sampling Time	1.5 minutes per 1/2 pump stroke	
Detecting Limit	0.05% (n=1)	
Colour Change	Reddish purple →Yellow	
Reaction Principle	Chlorine reacts with indicates indicator to yellow reaction products	
Coefficient of Variation	10% (for 0.5 to 3 %), 5% (for 3 to 10 %)	
Shelf Life	3 Years	
Corrections for temperature & humidity	Unnecessary	
Store the tubes at cool and dark place.		

Possible coexisting substances and their interferences

Substance	Concentration	Interference	Change colour by itself
Hydrogen chloride	-	Plus error	Produce pink stain
Nitric acid	-	Plus error	Produce pink stain

Other substance measurable with this detector tube

Substance	Correction Factor	Pump Strokes	Measuring Range
Hydrogen chloride	3.0	1/2	1.5 to 30 %

Calibration gas generation High pressure gas cylinder method

TLV-TWA	TLV-STEL	Explosive range
0.5ppm	1ppm	-