

**Performance**

<b>Measuring Range</b>	0.1 to 0.5ppm	0.5 to 8 ppm	8 to 16 ppm
<b>Number of Pump Strokes</b>	2 to 5	1	1/2
<b>Correction Factor</b>	1/2 to 1/5	1	2
<b>Sampling Time</b>	1 minutes per pump stroke		
<b>Detecting Limit</b>	0.05 ppm (n=5)		
<b>Colour Change</b>	White → Pale pink		
<b>Reaction Principle</b>	Chlorine is oxidized by o-Toluidine to form orange products.		
<b>Coefficient of Variation</b>	10% (for 0.5 to 2 ppm), 5% (for 2 to 8 ppm)		
<b>Shelf Life</b>	3 Years		
<b>Corrections for temperature &amp; humidity</b>	Unnecessary		

Store the tubes at cool and dark place.

**Possible coexisting substances and their interferences**

Substance	Concentration	Interference	Change colour by itself
Nitric oxide	-	Plus error	Pale pink stain
Ozone	-	Plus error	Pale pink stain
Nitrogen dioxide	-	Plus error	Pale pink stain
Chlorine dioxide	-	Plus error	Pale pink stain
Bromine, Iodine	-	Plus error	Pale pink stain

**Other substance measurable with this detector tube**

Substance	Correction Factor	Pump Strokes	Measuring Range
Bromine	0.1	4	0.05 to 0.8 ppm
Chlorine Dioxide	0.6	1	0.3 to 4.8 ppm

**Calibration gas generation** Permeation tube method

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