

**Performance**

<b>Measuring Range</b>	1 to 18 ppm	18 to 36 ppm
<b>Number of Pump Strokes</b>	2	1
<b>Correction Factor</b>	1	2
<b>Sampling Time</b>	2 minutes per pump stroke	
<b>Detecting Limit</b>	0.2 ppm (n=2)	
<b>Colour Change</b>	White → Yellow	
<b>Reaction Principle</b>	Methyl bromide produce intermediate product by oxidizing agent and produce yellow stain by reaction with detecting agent.	
<b>Coefficient of Variation</b>	10% (for 1 to 6 ppm), 5% (for 6 to 18 ppm)	
<b>Shelf Life</b>	2 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
Halogens, Nitrogen oxides	-	Plus error	Produce yellow stain
Saturated halogenated hydrocarbons	-	Plus error	Produce yellow stain

**Other substance measurable with this detector tube**

Substance	Correction Factor	Pump Strokes	Measuring Range
n-Butyl Bromide	1.0	2	1 to 18 ppm
n-Butyl Bromide	2.4	1	2.4 to 43.2 ppm
n-Propyl Bromide	1.0	2	1 to 18 ppm
Chloro bromomethane	0.7	2	0.7 to 12.6 ppm

**Calibration gas generation** Permeation tube method

TLV-TWA	TLV-STEL	Explosive range
1ppm	-	10 to 15%