

**Performance**

Measuring Range	0.5 to 1%	1 to 10%	10 to 20%
Number of Pump Strokes	2	1	1/2
Correction Factor	1/2	1	2
Sampling Time	1 minute per pump stroke		
Detecting Limit	0.1% (n=2)		
Colour Change	White → Purple		
Reaction Principle	Carbon dioxide reacts with detecting agent to give indicator to purple.		
Coefficient of Variation	10% (for 1 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
Ammonia	-	No effect	No discoloration
Carbon Monoxide	-	No effect	No discoloration
Chlorine	-	No effect	No discoloration
Hydrogen sulphide	-	No effect	No discoloration
Hydrogen chloride	-	No effect	No discoloration
Nitrogen oxides	-	No effect	No discoloration
Sulphur dioxide	-	No effect	No discoloration
Amines	-	No effect	No discoloration
Organic solvents	-	No effect	No discoloration

Calibration gas generation High pressure gas cylinder method

TLV-TWA	TLV-STEL	Explosive range
5000ppm	30000ppm	-