

**Performance**

Measuring Range	4 to 20 ppm	20 to 200 ppm	200 to 40ppm
Number of Pump Strokes	2 to 5	1	1/2
Correction Factor	1/2 to 1/5	1	2
Sampling Time	1 minute per pump stroke		
Detecting Limit	1 ppm (n=5)		
Colour Change	Orange → Pale yellow		
Reaction Principle	Ozone reacts with indicator to produce Yellow stain. O ₃ + Indicator → Chemical reaction compound		
Coefficient of Variation	10% (for 20 to 60 ppm), 5% (for 60 to 200 ppm)		
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	-	No effect	Produces red stain
Hydrogen fluoride	-	No effect	Produces red stain
Boron trichloride	-	No effect	Produces red stain
Phosphine	-	No effect	Produces red stain
Arsine	-	No effect	Produces red stain
Chlorine	-	Plus error	Produce pale yellow stain
Nitrogen dioxide	-	Plus error	Produce pale yellow stain

Calibration gas generation Ozone generator

TLV-TWA	TLV-STEL	Explosive range
0.08 ppm	-	-