

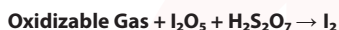


## Specification :

Measurement Range	<b>Qualitative</b>
No. of Pump Strokes	3 (300 ml)
Sampling Time	0.5 minutes per pump stroke (100ml)
Color Change	Refer chart given below
Shelf Life	1 year
Relative standard deviation	± 10 – 15 %

\* Multiply the observed reading by the correction factor (VCF) to obtain the true concentration.

## Reaction Principle :



Gas name	Concentration (ppm)	Colour changes from white to
Carbon monoxide	≥10	Brownish green
Carbon disulphide	≥5	Brownish green
Hydrogen sulphide	≥5	Brownish green
Acrylonitrile	≥10	Yellow
Acetone	≥1000	Orange with Green top
Acetylene	≥10	Brown
Ethylene	≥70	Brownish green
Gasoline	≥100	Brown
Cyclohexane	≥100	Brown
Styrene	≥10	Brown
Trichlorethylene	≥15	Brownish green
Toluene/Xylene	≥10	Brown
Propane	≥5000	Brownish green
Propylene	≥100	Brownish green
Benzene	≥20	Brown
Phosphine	≥10	Brownish green

This tube is not specific to any one particular gas. If gases with similar chemical properties are present along with the gases listed in the chart it can produce colour change due to their interference

## Correction For Environmental Parameters :

Temperature	Not necessary between 0 - 40°C (32 - 104°F).
Relative humidity	Not necessary between 10 - 90 %.