



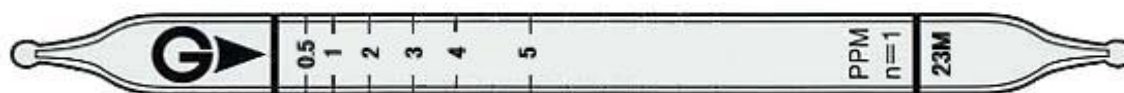
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## Gastec Tube Datasheet

**Chlorine Dioxide**

ClO<sub>2</sub>

**No.GAS23M**



### Performance

<b>Measuring Range</b>	0.1 to 0.5 ppm	0.5 to 5 ppm	5 to 10 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 minute per pump stroke		
<b>Detecting Limit</b>	0.05 ppm (n=5)		
<b>Colour Change</b>	White → Pale pink		
<b>Reaction Principle</b>	Chlorine Dioxide oxidizes the indicator to produce Pale pink discoloration.		
<b>Coefficient of Variation</b>	10% (for 0.5 to 2 ppm), 5% (for 2 to 5 ppm)		
<b>Shelf Life</b>	Up to 3 Years		
<b>Corrections for temperature &amp; humidity</b>	Unnecessary		
<b>Store the tubes in dark and cool place.</b>			

### Possible coexisting substances and their interferences

Substance	Concentration	Interference	Change colour by itself
Nitric Oxide	-	Plus error	Pale pink
Ozone	-	Plus error	Pale pink
Nitrogen Dioxide	-	Plus error	Pale pink
Chlorine	-	Plus error	Pale pink
Bromine, Iodine	-	Plus error	Pale pink

**Calibration gas generation** Permeation tube method

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