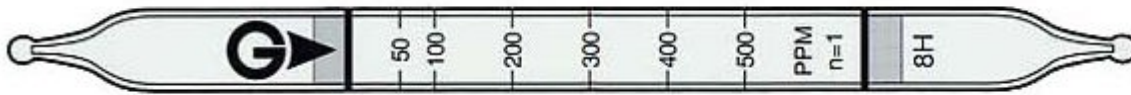


**Chlorine**Cl<sub>2</sub>**NO.8H****Performance**

<b>Measuring Range</b>	25 to 50ppm	50 to 500ppm	500 to 1000ppm
<b>Number of Pump Strokes</b>	2	1	1/2
<b>Correction Factor</b>	1/2	1	2
<b>Sampling Time</b>	45 seconds per pump stroke		
<b>Detecting Limit</b>	5 ppm (n=2)		
<b>Color Change</b>	White → Vermilion (reddish orange)		
<b>Reaction Principle</b>	Chlorine is oxidized by o-Tolidine to form reddish orange color.		
<b>Coefficient of Variation</b>	10% (for 50 to 100 ppm), 5% (for 100 to 500 ppm)		
<b>Shelf Life</b>	3 Years		
<b>Corrections for temperature &amp; humidity</b>	Unnecessary		
<b>Store the tubes at cool and dark place.</b>			

**Possible coexisting substances and their interferences (NOTE)**

Substance	Concentration	Interference	Change color by itself
Bromine	-	Plus error	Produce vermillion
Chlorine dioxide	-	Plus error	Produce vermillion
Iodine	-	Plus error	Produce vermillion

**Other substance measurable with this detector tube**

Substance	Correction Factor	Pump Strokes	Measuring Range
Chlorine dioxide	0.5	1	25 to 250 ppm

**Calibration gas generation** Permeation tube method

TLV to TWA	TLV to STEL	Explosive range
0.5ppm	1ppm	-

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Nextteq LLC – 8406 Benjamin Rd., Suite J, Tampa FL 33634, USA

Phone (toll free): 877-312-2333 Fax (toll free) 877-312-2444

Policy Statement and Legal Notices

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