

Part No. D5085757

Part No. (US): 804412

Performance :

Measurement Range	Mark1:0.5 ppm	Mark2:2.5 ppm
Number of Strokes	2	
Sampling Time	20 - 30 seconds per stroke	
Relative Standard Deviation	± 15 %	
Colour Change	White → Orange/yellow	

Reaction Principle :

$\text{Cl}_2 + \text{o-Tolidine} \rightarrow \text{Reaction product}$

Operating Conditions :

Detector tubes can be used without compensation of reading between 0 °C and 40 °C (32 °F and 104 °F) and between 10 % RH (0.5 mg/l at 0 °C [32 °F]) and 80 % RH (41 mg/l at 40 °C [104 °F]).

Interferences And Cross Sensitivities :

Compound	Interference
Methane, Ethane, Propane, Carbon dioxide.	No interference
Hydrogen, Carbon monoxide	No interference up to 10 Vol %
Higher saturated hydrocarbons (e.g. butanes, octanes), olefinic hydrocarbons (e.g. ethylene) aromatic hydrocarbons (e.g. benzene), hydrogen chloride, phosgene.	No interference up to 1000 ppm.
Sulfur dioxide, hydrogen sulfide, hydrogen cyanide, ammonia	Are not indicated but with shorten stain length of chlorine.
Chlorine dioxide, bromine, ozone, nitrogen dioxide	Will be indicated. The sensitivity of indication is different



TLV(TWA): 0.1 ppm

TLV(STEL): 0.4 ppm

Flammable Range: N.A.