

Chlorine-0.2

KWIKDRAW
UNIPHOS

Part No. D5085801

Part No. (US): 803944

Performance:

Measurement Range	0.2 - 3 ppm
Number of Strokes	10
Sampling Time	20 - 30 seconds per stroke
Relative Standard Deviation	±15 to 25 %
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 Monoxide, Hydrogen, Carbon dioxide	No interference up to 10 Vol% (n=10)
Olefinic hydrocarbons (e.g. ethylene) aromatic hydrocarbons (e.g. Benzene), Hydrogen Chloride, Phosgene	No interference up to 1000 ppm (n=10)
Sulphur dioxide, Hydrogen sulphide, Hydrogen cyanide, Ammonia	No interference when concentration correspond to measuring range of tube .
Chlorine dioxide, Bromine, Ozone, Nitrogen dioxide.	Will be indicated but with different sensitivity.



TLV(TWA): 0.5 ppm

TLV(STEL): 1 ppm

Flammable Range: N.A.