

# Hydrogen Chloride-A

**KWIKDRAW**  
UNIPOS

Part No. D5085762

Part No. (US): 804413

## Performance:

Measurement Range	Mark 1: 5 ppm	Mark 2: 25 ppm
Number of Strokes	2	
Sampling Time	20 - 30 seconds per stroke	
Relative Standard Deviation	Up to $\pm 25\%$	
Colour Change	Blue $\rightarrow$ Yellow	

## Reaction Principle:

HCl + pH Indicator  $\rightarrow$  Colored reaction product.

## Operating Conditions:

Detector tubes can be used without compensation of the reading between 10 °C and 35 °C (50 °F and 95 °F) and between 20% RH [1.9 mg/l at 10 °C (50 °F)] and 80% RH [32 mg/l at 35 °C (95 °F)].

## Interferences and Cross Sensitivities:

Compound	Interference
Hydrogen, Methane, Ethane, Propane, Carbon Monoxide, Carbon dioxide,	No interference
Higher saturated hydrocarbons (e.g. Hexanes, Octanes), Olefinic hydrocarbons (e.g. ethylene), Aromatic hydrocarbons (e.g. Benzene)	No interference up to 1 Vol%
Sulfur dioxide, Hydrogen sulfide, Nitric oxide, Nitrogen dioxide, Hydrogen cyanide, Ammonia	No interference up to 50 ppm
Halogens (Chlorine, Bromine), Phosgene, Nitric acid vapours	Will be indicated. The sensitivity of indication is different.



TLV(TWA): N.A.

TLV(STEL): 2 ppm

Flammable Range: Non Flammable