

Hydrogen Chloride-50

KWIK DRAW
UNI PHOS

Part No. D5086858

Part No. (US): 803945

Performance:

Measurement Range	500 - 5000 ppm	50 - 500 ppm
Number of Strokes	1	8
Sampling Time	20 - 30 seconds per stroke	
Relative Standard Deviation	Up to $\pm 15\%$	
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 50 °C (50 °F and 120 °F). Up to 15 mg/l water vapor [62% RH at 25 °C (77 °F)] will not affect the accuracy of indication.

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 5000 ppm (n=10)
Nitrogen dioxide, Sulfur dioxide, Hydrogen sulfide	No interference within their respective TLV.
Chlorine	Will be indicated.



TLV(TWA): N.A.

TLV(STEL): 2 ppm

Flammable Range: Non Flammable