

Part No. D5085756

Part No. (US): 804415

Performance :

Measurement Range	Mark1: 10 ppm	Mark 2: 50 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 Yellow reaction product.

Operating Conditions :

Detector tubes can be used without compensation of the 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 90% RH [46 mg/l at 40 °C (104 °F)].

Interferences And Cross Sensitivities :

Compound	Interference
Hydrogen, Methane, Ethane, Propane, Butanes, Carbon Monoxide	No interference
Carbon Dioxide	No interference up to 15 Vol%
Higher saturated hydrocarbons, Olefinic hydrocarbons , Aromatic hydrocarbons , Halogenated hydrocarbons, Nitriles, Carbon Disulfide, Acetic acid.	No interference up to 1 Vol%
Ammonia ,Sulfur dioxide	No interference up to 1000 ppm
Hydrogen sulfide, Hydrogen Chloride	No interference up to 300 ppm Hydrogen Sulfide discolors the protective layer from white to brown.
Nitrogen Dioxide, Phosgene	No interference up to 50 ppm
Halogens (Chlorine, Bromine)	Are not indicated but will decrease stain length of Hydrogen Cyanide indication.



TLV(TWA): N.A.

TLV(STEL): 4.7 ppm

Flammable Range: 6 - 40%