

Part No. D5085824

Part No. (US): 803945

Performance :

| | | |
|-----------------------------|----------------------------|------------|
| Measurement Range | 5 - 50 ppm | 2 - 10 ppm |
| Number of Strokes | 2 | 10 |
| Sampling Time | 20 - 30 seconds per stroke | |
| Relative Standard Deviation | Up to ± 25 % | |
| Colour Change | Blue → Yellow | |

Reaction Principle :



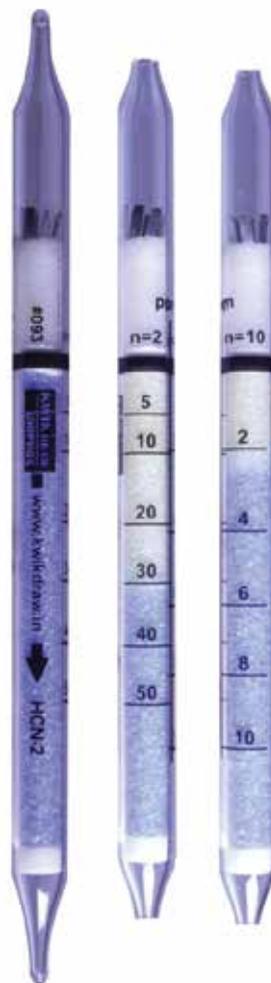
HCl + pH Indicator → Yellow reaction product.

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% (n=2) or 3 vol% (n=10) |
| Higher saturated hydrocarbons, Olefinic hydrocarbons, Aromatic hydrocarbons, Halogenated hydrocarbons, Nitriles, Carbon Disulfide, Acetic acid. | No interference up to 1 Vol% (n=2) or 2000 ppm (n=10). |
| Ammonia, Sulfur dioxide | No interference up to 1000 ppm (n=2) or 200 ppm n=10 |
| Hydrogen sulfide, Hydrogen Chloride | No interference up to 300 ppm (n=2) or 60 ppm (n=10). Hydrogen Sulfide discolors the protective layer from white to brown. |
| Nitrogen Dioxide | No interference up to 100 ppm (n=2) or 20 ppm (n=10) |
| Free 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%