

Part No. D5085831

Part No. (US): 489119

Performance :

| | |
|-----------------------------|----------------------------|
| Measurement Range | 50 - 2000 ppm |
| Number of Strokes | 1 |
| Sampling Time | 20 - 30 seconds per stroke |
| Relative Standard Deviation | ±15 to 25 % |
| Colour Change | White → Brown |

Reaction Principle :

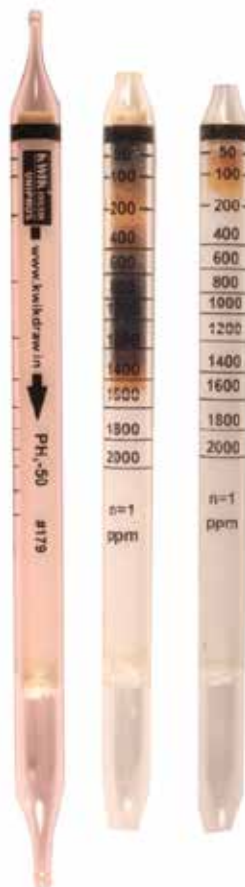


Operating Conditions :

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, Butane, Carbon dioxide, Carbon monoxide | 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% (n=10). |
| Sulfur dioxide, Carbon disulfide | No interference up to 1000 ppm (n=10). |
| Hydrogen sulphide | Will be indicated by a yellow brown stain, significantly lighter than phosphine stain and only one-half as long. |
| Arsine, Stibine | Are indicated with lower sensitivity than Phosphine |
| Acetylene | Will not be indicated. Phosphine in acetylene gives a stain about twice as long as in air. |



TLV(TWA): 0.05 ppm

TLV(STEL): C 0.15 ppm

Flammable Range: