

Part No. D5085829

Part No. (US): 497101

Performance :

Measurement Range	0.1 - 3.0 ppm	0.05-1.5 ppm
Number of Strokes	10	20
Sampling Time	25 - 35 seconds per stroke	
Relative Standard Deviation	±15 to 25 %	
Colour Change	White → light brown	

Reaction Principle :

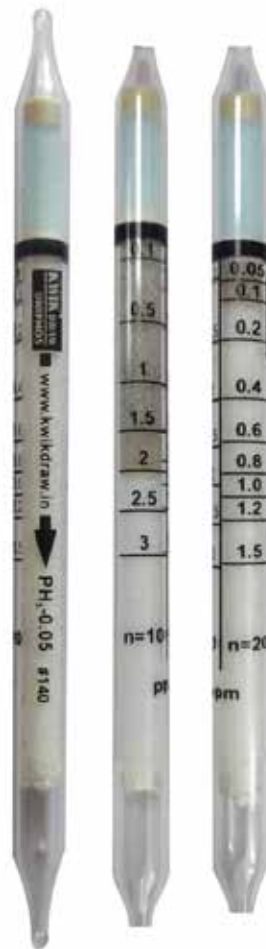


Operating Conditions :

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) or 5000 ppm (n=20).
Sulfur dioxide, Carbon disulfide	No interference up to 200 ppm (n=10) or 100 ppm (n=20)
Hydrogen sulphide	No interference up to 50 ppm (n=10) or 25 ppm (n=20). Hydrogen sulphide discolors the protective layer from light to brown.
Arsine, Stibine	Are indicated with lower sensitivity than Phosphine



TLV(TWA): 0.05 ppm

TLV(STEL): C 0.15 ppm

Flammable Range: