

Part No. D5085821

Part No. (US): 487334

## Performance :

Measurement Range	100 - 3000 ppm	10 - 300 ppm
Number of Strokes	1	10
Sampling Time	20 - 30 seconds per stroke	
Relative Standard Deviation	±15 to 25 %	
Colour Change	White → brown/green	

## Reaction Principle :



## Operating Conditions :

Detector tubes can be used without compensation of reading between -10 °C and 50 °C (10 °F and 120 °F) and up to 90% (75 mg/l at 50 °C (120°F) water vapor will not affect the accuracy of indication, as it will be absorbed by the protecting layer changing its color from brown to yellow.

## Interferences And Cross Sensitivities :

Compound	Interference
Hydrogen, Methane, Carbon dioxide up to 50 vol%.	No interference
Ethane up to 10 vol% (n=1) or 1 vol% (n=10).	No interference. Higher concentration discolor the whole indicating layer.
Sulphur dioxide, Nitrogen oxide, Nitrogen dioxide up to 1 vol% (n=1) or 1000 ppm (n=10).	No interference
Propane and higher saturated hydrocarbon, Hydrogen sulphide up to 1000 ppm (n=1) 100 ppm (n=10)	Retained by protective layer. May discolor it from brown to greenish.
Acetylene 1000 ppm (n=1)	Indicated as CO 400 ppm (n=1).

