

Part No. D5085761

Part No. (US): 804431

Performance :

Measurement Range	0.1 ppm Mark
Number of Strokes	5
Sampling Time	50 - 60 seconds per stroke
Relative Standard Deviation	up to $\pm 25\%$
Colour Change	White \rightarrow Pale Red

Reaction Principle :

$\text{COCl}_2 + \text{Nitro-benzyl pyridine} + \text{benzyl aniline} \rightarrow \text{Reaction product}$

Operating Conditions :

Detector tubes can be used without compensation of the reading between 5 °C and 35 °C (41 °F and 95 °F) and in the humidity range up to 20 mg/l [(90% RH at 25 °C (77 °F), 50% RH at 35 °C (95 °F)].

Interferences And Cross Sensitivities :

Compound	Interference
Hydrogen, Carbon dioxide	No interference up to 10 vol%
Carbon monoxide, Methane, Ethane, Propane, Higher saturated hydrocarbons (e.g. Hexanes, Octanes), aromatic hydrocarbons (e.g. Benzene), Halogenated hydrocarbons (e.g. Trichloroethane, Trichloroethylene)	No interference up to 1 vol%
Sulfur dioxide, Hydrogen cyanide	No interference up to 100 ppm
Chlorine, Hydrogen Chloride, Nitrogen dioxide	No interference up to 20 ppm
Ammonia	Is not indicated but will decrease stain length of phosgene indication



TLV(TWA): -----

TLV(STEL): C 0.02 ppm

Flammable Range: N.A