

Part No. D5085841

Part No. (US): 804419

Performance :

Measurement Range	1 - 20 vol%
Number of Strokes	1
Sampling Time	20 - 30 seconds per stroke
Relative Standard Deviation	±15 to 25 %
Colour Change	White → Violet

Reaction Principle :

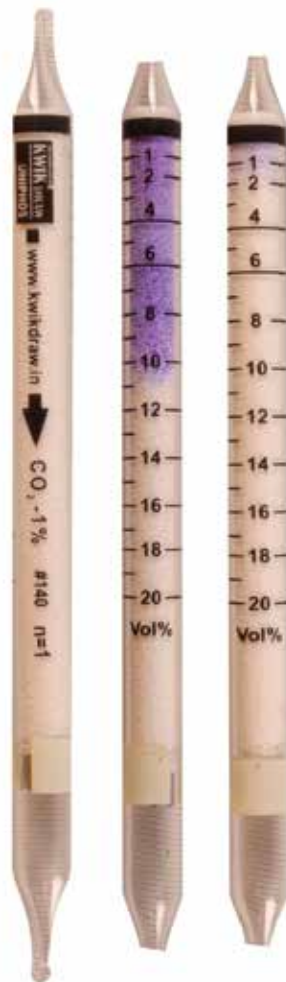
$\text{CO}_2 + \text{N}_2 \text{H}_4 \rightarrow$ color change of an acid-base indicator.

Operating Conditions :

Detector tubes can be used without compensation of reading between -20 °C and 50 °C (0 °F and 120 °F) and between 10 % RH (0.1 mg/l at -20 °C [0 °F]) and 90 % RH (75 mg/l at 50 °C [120 °F]).

Interferences And Cross Sensitivities :

Compound	Interference
Hydrogen, Methane, Ethane, Propane, Butane, Carbon monoxide.	No interference
Higher saturated hydrocarbons (e.g.Hexanes, Octanes), Olefinic hydrocarbons (e.g. Ethylene), Aromatic hydrocarbons (e.g. Benzene) up to 1 vol%.	No interference
Sulphur dioxide, Hydrogen sulphide, Nitrogen dioxide, Hydrogen chloride and other acidic gases up to 1 vol%.	No interference
Ammonia up to 1 vol%.	No interference



TLV(TWA): 5000 ppm

TLV(STEL): 30,000 ppm

Flammable Range: Non Flammable