Dichloromethane-A



Part No. D5085772

Part No. (US): 804417

Performance:

Measurement Range	Mark1: 100 ppm	Mark1: 100 ppm
Number of Strokes	5	
Sampling Time	20 - 30 seconds per stroke	
Relative Standard Deviation	± 25 %	
Colour Change	White — Green/Brown	

Reaction Principle:

 $\text{CH}_2 \text{CI}_2 + \text{Cr}^{6^+} + \text{H}_2 \text{SO}_4 + \text{I}_2 \text{O}_5 + \text{H}_2 \text{S}_2 \text{O}_7 \rightarrow \text{I}_2$

Operating Conditions:

Detector tubes can be used without compensation of reading between 5 $^{\circ}$ C and 35 $^{\circ}$ C (40 $^{\circ}$ F and 95 $^{\circ}$ F) and up to 90 $^{\circ}$ RH (36 mg/l at 35 $^{\circ}$ C [95 $^{\circ}$ F]).

Interferences and Cross Sensitivities:

Compound	Interference
Methane, Carbon dioxide.	No interference
Hydrogen, Ethane, Carbon tetrachloride, Fluorinated methane, Fluorinated ethane, up to 1 Vol %	No interference
Ammonia, Sulphur dioxide, Chloromethane up to 2000 ppm	No interference
Olefinic hydrocarbons (e.g. ethylene), aromatic hydrocarbons (e.g. benzene), nitric oxide, nitrogen dioxide up to 500 ppm.	No interference
Propane and Higher saturated hydrocarbons (e.g. Hexanes octanes), Hydrogen sulphide up to 200 ppm. Chlorine, Hydrogen chloride, Hydrogen cyanide, Phosgene up to 50 ppm	No interference
Acetylene, Hydrogen disulfide, easily decomposable halogenated hydrocarbons (e.g trichloromethane, trichloroethylene), Chlorobenzene.	Will be indicated, sensitivity of indication varies.
Carbon monoxide	Will be indicated



TLV(TWA): 50 ppm TLV(STEL): ----- Flammable Range: 12 - 25%