Halogenated Hydrocarbon-A/(CKW-A)

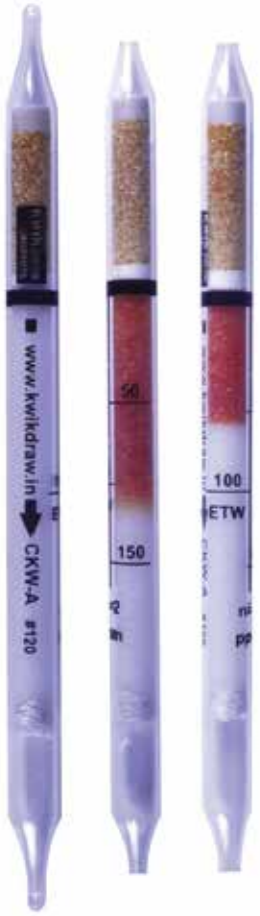
KWIK DRAW UNIPHOS

Part No. D5085771 **Part No. (US): 804414**

Performance :

(Trichloroethylene)

Measurement Range	Mark1: 50 ppm	Mark1:150 ppm
Number of Strokes	2	
Sampling Time	25 - 35 seconds per stroke	
Relative Standard Deviation	± 25 %	
Colour Change	White ⟶ Orange	



Reaction Principle :

Halogenated Hydrocarbon + Cr^{6+} + H_2SO_4 ⟶ Cl_2
Cl_2 + o-Tolidine ⟶ Reaction product

Operating Conditions :

Detector tubes can be used between 5°C and 35°C (40°F and 95°F) and between 10% RH (0.7 mg/l at 5°C [40°F]) and 90% RH (36 mg/l at 35°C [95°F]).

Interferences And Cross Sensitivities :

Compound	Interference
Hydrogen, Methane, Ethane, Propane, Butane Carbon Monoxide, Carbon dioxide.	No interference
Propane, Butane, Chloromethane, dichloromethane, carbon tetrachloride, bromomethane, Fluorinated methanes/ ethanes	No interference up to 5000 ppm
Higher saturated hydrocarbons (e.g. hexanes), Olefinic hydrocarbons (e.g. ethylene), aromatic hydrocarbons (e.g. benzene), Hydrogen sulphide, Carbon disulphide, Alcohols, Ketones, Ethers, Esters.	No indication, but conversion layer will be consumed leading to indication of Halgenated Hydrocarbons than actually present.
Halogens, HCl, Phosgene, Nitric oxide, Nitrogen dioxide	Are indicated, but the sensitivity varies.

TLV(TWA): 10 ppm TLV(STEL): 25 ppm Flammable Range: 8 - 10.5%