Aromatic Hydrocarbons

KWIK DRAW
UNIPHOS

Part No. D5086811 | **Part No. (US): 804132**

Performance :

Measurement Range	25 - 300 ppm	5 - 150 ppm
Number of Strokes	4	10
Sampling Time	10 - 20 seconds per stroke	
Relative Standard Deviation	± 25 % Benzene	
Colour Change	White ⟶ Brown	

Reaction Principle :

$C_6H_6 + I_2O_5 + H_2SO_4 \rightarrow I_2$

Operating Conditions :

Detector tubes can be used without compensation of the reading between 5°C and 40°C (41°F and 104°F) and up to 80% RH [40 mg/l at 40 °C (104 °F)].

Interferences And Cross Sensitivities :

Compound	Interference
Hydrogen, Methane, Ethane, Carbon dioxide	No interference
Propane up to 2 vol %	No interference
Higher saturated hydrocarbons (e.g. Hexanes, Octanes), Olefinic hydrocarbons (e.g. Ethylene), Carbon monoxide, Hydrogen sulphide	will be indicated by a slight brown discoloration

Measurement of other Aromatic Hydrocarbons :

Refer to instructions for use enclosed in the box of tubes. The correction table specifies the concentration (C) of every substance listed which is equivalent to the tube reading (CC H). (n= number of 6 6 pump strokes). Mixtures of different aromatic hydrocarbons may be detected semi quantitatively only.

TLV(TWA): 0.02 ppm | TLV(STEL): ----- | Flammable Range: 1 - 8%