Aromatic Hydrocarbons

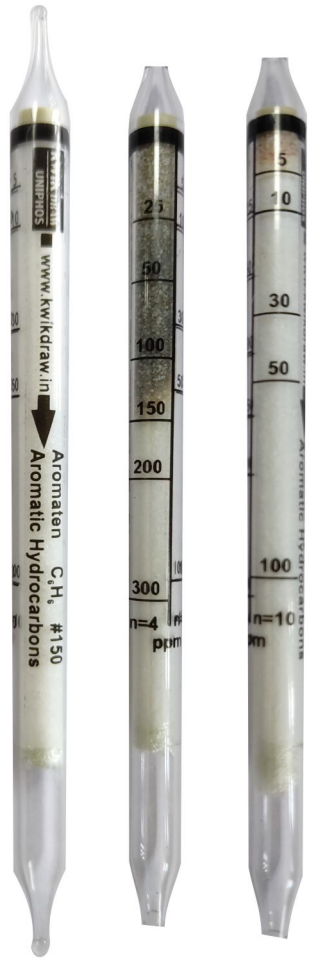
KWIK DRAW UNIPHOS

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 ($C_{C_6H_6}$). (n= number of pump strokes). Mixtures of different aromatic hydrocarbons may be detected semi quantitatively only.

TLV(TWA): 0.5 ppm TLV(STEL): 2.5 ppm Flammable Range: 1 - 8%