

Part No. D5086832

Part No. (US): 497664

Performance:

Measurement Range	20 - 1000 ppm
Number of Strokes	5
Sampling Time	20 - 30 seconds per stroke
Relative Standard Deviation	±15 to 25 %
Colour Change	Orange → Green/brown

Reaction Principle:

 $C_6H_{14} + Cr^{6+} + H_2SO_4 \rightarrow Cr^{3+} + Other reaction products$

Operating Conditions:

Detector tubes can be used without compensation of the reading between 0 °C and 40 °C (32 °F and 104 °F) and up to 90% RH [46 mg/l at 40 °C (104 °F)].

Interferences And Cross Sensitivities:

Compound	Interference
Hydrogen, Methane, Ethane, Carbon Monoxide, Carbon dioxide	No interference
Sulphur dioxide, Hydrogen sulphide, Nitrogen dioxide, Aromatic hydrocarbons (e.g. Benzene).	No interference up to 1000 ppm
Propane, Butanes, Acetylene	Discolor the indicating layer totally.
Olefinic hydrocarbons (e.g. ethylene)	Will be indicated. The sensitivity of indication is lower than for Hexane.

