

Part No. D7086891

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## **Performance:**

Measurement Range	Propane	0.1 - 1.3 %
	Butane	0.1 - 1.3 %
	Pentane	0.1 - 1.5 %
	Propane+Butane Mixture (1:1)	0.1 - 1.3 %
Number of Strokes	1	
Sampling Time	20 - 30 seconds per stroke	
Relative Standard Deviation	±15 to 25 %	
Colour Change	Greenish brown $\rightarrow$ Pear green	

## **Reaction Principle:**

 $C_n^{}H_{2n+2}^{}+~Cr^{6+}+H_2^{}SO_4^{}\longrightarrow Cr^{3+}+~Other~reaction~products$ 

## **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
Higher saturated hydrocarbons, olefinic hydrocarbons (e.g. Ethylene), Acetylene and Carbon disulphide	Will be detected. Sensitivity of indication lower than that for propane

