

Part No. D5086818

Part No. (US): 804136

## **Performance:**

Measurement Range	100 - 3000 ppm
Number of Strokes	10
Sampling Time	15 - 20 seconds per stroke
Relative Standard Deviation	±15 to 25 %
Colour Change	Red → Greyish green

## **Reaction Principle:**

 $C_2H_2O_5 + Cr^{6+} + H_2SO_4 + \rightarrow Cr^{3+} + Other reaction products$ 

## **Operating Conditions:**

Detector tubes can be used between 0  $^{\circ}$ C and 30  $^{\circ}$ C (32  $^{\circ}$ F and 86  $^{\circ}$ F) and between 10% RH (0.5 mg/l at 0 $^{\circ}$ C [32 $^{\circ}$ F]) and 90% RH (27 mg/l at 30 $^{\circ}$ C [86 $^{\circ}$ FI).

## Interferences And Cross Sensitivities:

Compound	Interference
Hydrogen, Hydrocarbons (Methane, Ethane, Ethylene) Carbon monoxide, Carbon dioxide	No interference
Halogenated hydrocarbons (e.g. Trichloroethane, Trichloroethyl- ene, Chlorobenzene), Hydrogen sulphide, Carbon disulfide, Acetic acid up to 5000 ppm.	No interference up to 5000 ppm
Aldehydes, Ketones, Ethers , Esters	No interference up to 1000 ppm

