# Oxygen-3



Part No. D7086864

Part No. (US): D7086864

#### Performance:

Measurement Range	3 - 24 %
Number of Strokes	1
Sampling Time	5 minutes per stroke
Relative Standard Deviation	± 25 %
Colour Change	Dark violet → White

## **Reaction Principle:**

 $O_2$  + 4TiCl<sub>3</sub> + 6H<sub>2</sub>O  $\rightarrow$  4TiO<sub>2</sub> + 12HCl

## **Operating Conditions:**

Detector tubes can be used between  $5^{\circ}$ C and  $40^{\circ}$ C ( $41^{\circ}$ F and  $104^{\circ}$ F) and between  $10^{\circ}$  RH (5.1 mg/l) and  $60^{\circ}$  RH (46 mg/l at  $40^{\circ}$ C [ $104^{\circ}$ F]).

### Interferences and Cross Sensitivities:

Compound	Interference
Acetone, Methyl isobutyl ketone, Methyl ethyl ketone	Interfere with the measurement and give higher readings



TLV(TWA): N.A. Flammable Range: N.A. Flammable Range: N.A.