

# Information Data Sheet



**Detector Tube    Oxygen**

**Part No. (US):**

**Part No.                    D7086864**

**1. Application**

Detection of oxygen (O<sub>2</sub>) in air or in technical gases.

**2. Detector Tube Sampling Pump**

KWIK DRAW (formerly MSA AUER) Gas-Tester® I/H, Gas-Tester® I / ThumbPump™-Sampler, Toximeter® II, Uniphos Kwik-Draw™-Pump or other suitable detector tubes pumps. Observe respective instructions for use.

**3. Measuring Range**

3 % ... 24 %    Oxygen at 1 pump strokes (n=1).

**4. Chemical Reaction and Color Change**

Reaction of Oxygen with Titanium chloride produce white coloured reaction product.

Color change:    Dark vilote    →    White

**5. Ambient Conditions During Sampling**

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 g/m<sup>3</sup> at 40 °C [104 °F]).

**6. Interferences and Cross Sensitivities**

- a) No interference from:
  - carbon dioxide and Hydrogen sulphide.

*Manufactured By:*

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