

## Information Data Sheet

**Detector Tube (H<sub>2</sub>S+SO<sub>2</sub>) – 0.2%**

**Part No. (US): D7086894**

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### 1. Application

Detection of Hydrogen Sulphide + Sulphur Dioxide in air or in technical gases.

### 2. Detector Tube Sampling Pump

KWIK DRAW Pump, Gas-Tester IIIH, Gas-Tester I / ThumbPump-Sampler, Toximeter III, or other suitable detector tubes pumps. Observe respective instructions for use.

### 3. Measuring Range

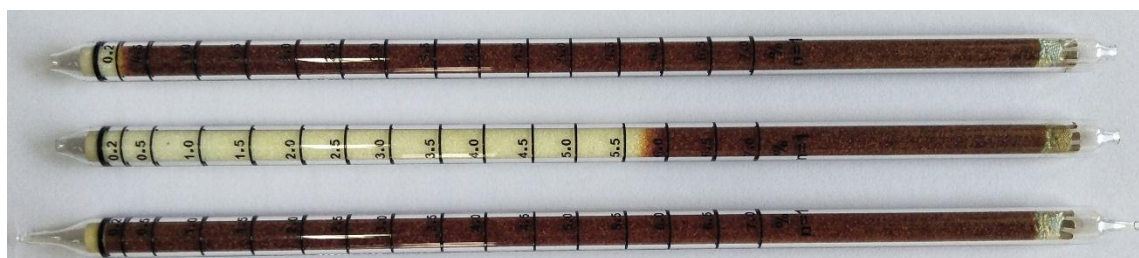
0.2 to 7 vol% H<sub>2</sub>S+SO<sub>2</sub> at n=1 + 2 desorption strokes in clean air

0.02 to 0.7 vol% H<sub>2</sub>S+SO<sub>2</sub> at n=10 + 2 desorption strokes in clean air. Divide scale value by 10 to get concentration reading.

### 4. Chemical Reaction and Color Change

Oxidation of H<sub>2</sub>S & SO<sub>2</sub> with iodine causes colour change.

Color change: Brown → Light yellow



### 5. Ambient Conditions During Sampling

Detector tubes can be used between 0 °C and 40 °C (32 °F and 104 °F) and upto humidity 40 mg/l (100 % RH at 35 °C [95 °F]).

### 6. Interferences and Cross Sensitivities

Substances that can be oxidised by iodine will be indicated. The sensitivity of indication may vary.

*Manufactured By:*

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