

Information Data Sheet

Detector Tube **H2S-2**
Part No. (US): **D7086873**
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1. Application

Detection of hydrogen Sulphide in air or in technical gases.

2. Detector Tube Sampling Pump

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

3. Measuring Range

2 ppm to 60 ppm hydrogen Sulphide at n=10 (10 strokes).
20 ppm to 600 ppm hydrogen Sulphide at n=1 (1 stroke)

4. Chemical Reaction and Color Change

Reaction of hydrogen Sulphide with lead compound forming lead sulphide.

Color change: White → Brown

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 80% RH (40 g/m³ at 40 °C [104 °F]).

6. Interferences and Cross Sensitivities

No interference from:

- hydrogen, methane, ethane, propane, butanes, carbon monoxide, carbon dioxide.
- higher saturated hydrocarbons (e.g. hexanes, octanes), olefinic hydrocarbons (e.g ethylene) aromatic hydrocarbons (e.g. benzene) up to 1 vol% (n=10)
- sulphur dioxide, carbon disulphide up to 1000 ppm (n=10)
- phosphine up to 3000 ppm (n=10)
- acetylene up to 1 vol% (n=10)

Manufactured By:

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