

Information Data Sheet

Detector Tube Hydrogen Sulphide-1C

Part No. (US): D7086877

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

3. Measuring Range

(10... 200) ppm hydrogen sulphide at 1 pump stroke (n=1)
(1... 20) ppm hydrogen sulphide at 10 pump stroke (n=10)

4. Chemical Reaction and Color Change

Reaction of hydrogen sulfide with copper sulphate forming copper sulfide.
Color change: White → Light 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

- a) No interference from:
 - sulphur dioxide up to 500 ppm (n=10)
 - ethyl mercaptan up to 80 ppm (n=10)

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