

Information Data Sheet

Detector Tube **H₂S-0.2%**
Part No. (US): **D7000003**
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1. Application

Detection of hydrogen sulphide (H₂S) in air or in technical gases.

2. Detector Tube Sampling Pump

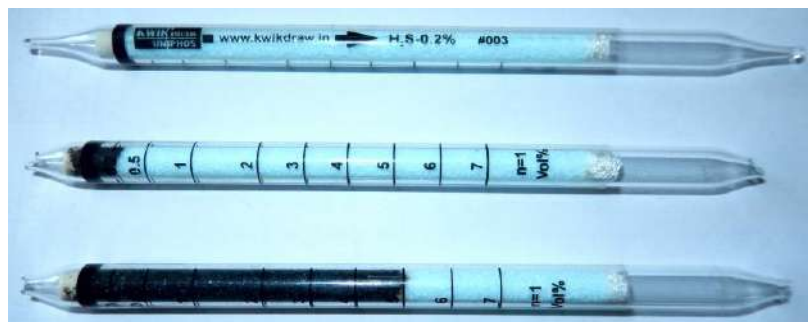
KWIK DRAW (formerly MSA AUER) Gas-Tester® I/H, Gas-Tester® I / ThumbPump™-Sampler, Toximeter® II, Kwik-Draw™-Pump or other suitable detector tubes pumps. Observe respective instructions for use.

3. Measuring Range

(0.2... 7) Vol% hydrogen sulphide at 1 pump stroke (n=1)

4. Chemical Reaction and Color Change

Reaction of hydrogen sulphide with copper compound forming copper sulphide.
Color change: Light blue → Grey/black



5. Ambient Conditions During Sampling

Detector tubes can be used without compensation of the reading between 0 °C and 50 °C (32 °F and 120 °F) and Up to 90 % RH [75 g/m³ at 50 °C (120 °F)] water vapor will not affect accuracy of indication.

6. Interferences and Cross Sensitivities

- a) No interference from:
 - hydrogen, methane, ethane, propane, butanes, carbon monoxide, carbon dioxide.
 - higher saturated hydrocarbons, olifinic hydrocarbons, aromatic hydrocarbons up to 10 vol.%
 - sulfur dioxide, carbon dioxide up to 1000 ppm.
- b) Comparable concentrations of mercaptans will interfere with the reading.

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