

Information Data Sheet

Detector Tube Hydrazine-0.1

Part No. (US): D5086861

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1. Application

Detection of hydrazine (N₂H₄) in air or in technical gases.

2. Detector Tube Sampling Pump

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

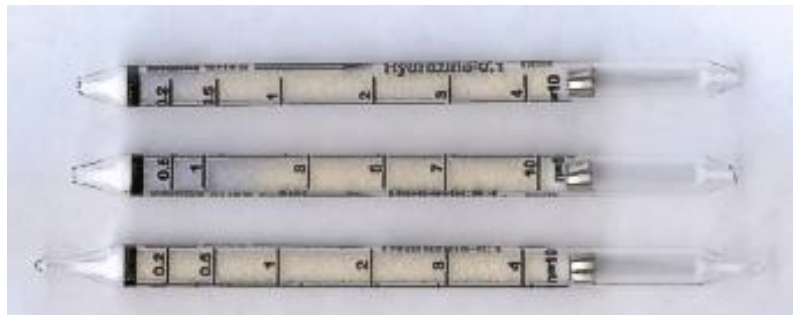
3. Measuring Range

(0.1 ... 3) ppm hydrazine at 5 strokes (n=5)
(0.5 ... 10) ppm hydrazine at 2 strokes (n=2)

4. Chemical Reaction and Color Change

Change of pH-value causes color change of an acid-base-indicator.

Color change: Yellow → Blue.



5. Ambient Conditions During Sampling

Detector tubes can be used without compensation of reading between 5 °C and 40 °C (41 °F and 104 °F) and in the humidity range up to 20 g/m³ (87 % RH at 25 °C [77 °F], 40 % RH at 40 °C [104 °F]).

6. Interferences and Cross Sensitivities

- a) No interference from:
 - hydrogen, methane, ethane, propane, butanes, carbon monoxide.
 - carbon dioxide up to 1000 ppm.
 - hydrogen sulfide, nitrogen dioxide up to 10 ppm.
- b) Other alkaline gases (amines, ammonia) will be indicated. The sensitivity of indication is different.
- c) Strong acidic gases (e.g. sulfur dioxide, hydrogen chloride, chlorine, phosgene) are not indicated but will shorten stain length of hydrazine even when concentrations correspond to measuring range of detector tube.

Manufactured By:

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