

Information Data Sheet

Detector Tube Hexane-20

Part No. (US): 497664

Part No. D5086832

1. Application

Detection of n-hexane (C₆H₁₄) in air or technical gases.

2. Detector Tube Sampling Pump

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

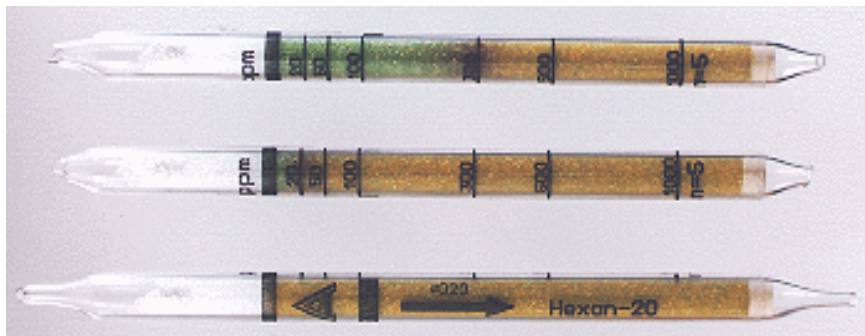
3. Measuring Range

20 ppm ... 1000 ppm n-hexane at n=5 (5 pump strokes).

4. Chemical Reaction and Color Change

Oxidation of hexane by a chromate/sulfuric acid reagent.

Color change: Orange → Green/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 90% RH [46 g/m³ at 40 °C (104 °F)].

6. Interferences and Cross Sensitivities

- a) No interference from:
 - hydrogen, methane, ethane, carbon monoxide, carbon dioxide.
 - sulfur dioxide, hydrogen sulfide, nitrogen dioxide aromatic hydrocarbons (e.g benzene) up to 1000 ppm.
- b) Propane, butanes, acetylene discolor the indicating layer totally so that stain end is not formed.
- c) Olefinic hydrocarbons (e.g. ethylene) will be indicated. The sensitivity of indication is lower than for hexane.

Manufactured By:

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