

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

UNIPHOS 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.

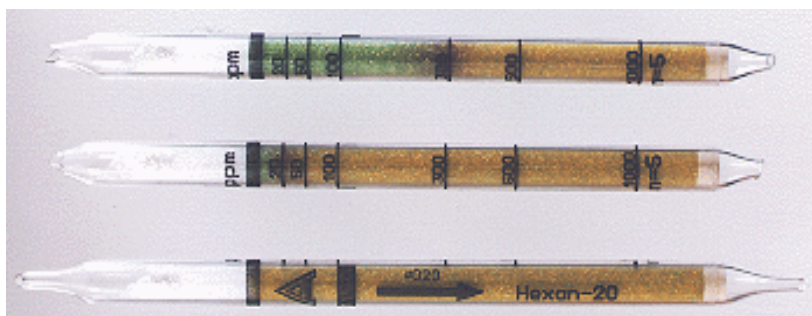
3. Measuring Range

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, carbone 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:
Uniphos Envirotronic Pvt. Ltd
P.O. Nahuli - 396 108
Tal. Umbergaon,
Dist: Valsad, Gujarat, India
Tel. : +91(260) 2730156 / 57 / 58
Fax : +91(260) 2730160

gasdetection@uniphos.com

Marketing Office:
Uniphos Envirotronic Pvt. Ltd
Readymoney Terrace, 167,
Dr. Annie Besant Road, Worli,
Mumbai 400 018, India.
Tel. : +91(22) 6123 3500
Fax : +91(22) 2493 8826
+91 (22) 2497 8119

www.kwikdrawtubes.com