

Information Data Sheet

Detector Tube Benzene-0.25 /a

Part No. (US): D7086896

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1. Application

Detection of Benzene in air or in technical gases.

2. Detector Tube Sampling Pump

KWIK DRAW Pump, Gas-Tester I/H, Gas-Tester I / ThumbPump-Sampler, Toximeter III, or other suitable detector tubes pumps. Observe respective instructions for use.

3. Measuring Range

2.5 to 10 ppm Benzene at n=1 (1 stroke).
0.25 to 2 ppm Benzene at n=5 (5 stroke).

4. Chemical Reaction and Color Change

Reaction of Benzene with gold compound produces dark brown/ black reaction product.
Color change: Off white → Dark brown/ black



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) [(31-40) °C standard deviation ± 25%] and up to 90% RH (46 mg/l at 40 °C [104 °F]).

6. Interferences and Cross Sensitivities

a) No interference from:

- Toluene, Xylene and Ethylbenzene upto 40 ppm (n=5) and 200 ppm (n=1) will be retained in the pre-layer.
- n-octane upto 500 ppm (n=5) and 2000 ppm (n=1) causes slight discolouration of indicating layer after 20 minutes.

Manufactured By:

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