

Information Data Sheet

Detector Tube Formaldehyde-0.1

Part No. (US): D7086862

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1. Application

Detection of formaldehyde (HCHO) in air or in technical gases.

2. Detector Tube Sampling Pump

KWIK DRAW Gas-Tester® I/H, Gas-Tester® I / ThumbPump™-Sampler,. Observe respective instructions for use.

3. Measuring Range

0.2 ppm to 2.5 ppm formaldehyde at n=10 (10 stroke).

0.1 ppm to 1.25 ppm formaldehyde at n=20 (20 stroke).

4. Chemical Reaction and Color Change

Reaction of formaldehyde with xylene and sulfuric acid form a quinoid reaction product.

Color change: White → Violet red



5. Ambient Conditions During Sampling

Detector tubes can be used without compensation of the reading between 5 °C and 30 °C (41 °F and 86 °F) and up to 70% RH at 30 °C (86°F)

6. Interferences and Cross Sensitivities

Styrene, Acetaldehyde, Acrolein, Diesel and α -pinene are indicated by yellow brown discoloration, however, with different sensitivity. The lower detection limit for α -pinene is 0.5 ppm for n=20.

No interference of the readings with 500 ppm n-Octane.

Manufactured By:

Uniphos Envirotronic Pvt. Ltd (100% EOU)

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