

Information Data Sheet

Detector Tube Formaldehyde-0.1

Part No. (US): D7086862

Part No. D7086862

1. Application

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

2. Detector Tube Sampling Pump

KWIK DRAW Gas-Tester[®] IIH, 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)
P.O. Nahuli - 396 108
Tal. Umbergaon,
Dist: Valsad, Gujarat, India
Tel. : +91(260) 2730156 / 57 / 58
Fax : +91(260) 2730160
gasdetection@uniphos-envirotronic.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