

# Information Data Sheet

**Detector Tube Ethylene Glycol-10**

**Part No. (US): D7086887**

**Part No. D7086887**

## 1. Application

Detection of Ethylene Glycol in air or in technical gases.

## 2. Detector Tube Sampling Pump

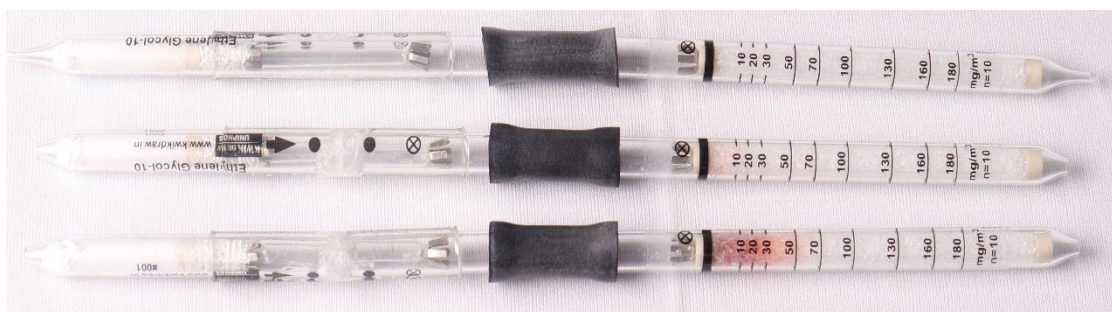
KWIK DRAW Pump, Gas-Tester I/H, Gas-Tester I / ThumbPump-Sampler, Toximeter II / III, or other suitable detector tubes pumps. Observe respective instructions for use.

## 3. Measuring Range

Ethylene Glycol 10 - 180 mg/m<sup>3</sup> at 10 strokes ( n=10)

## 4. Chemical Reaction and Color Change

In pre-treatment tube Ethylene Glycol is oxidised to formaldehyde, which is carried to indicating tube. Formaldehyde further reacts with xylene, in presence of sulphuric acid to form quinoid product.  
Color change: White → Reddish Pink



## 5. Ambient Conditions During Sampling

Detector tubes can be used without compensation of the reading between 10 °C and 35°C (50°F and 95°F) and between relative humidity of 5 - 18 mg/l.

## 6. Interferences and Cross Sensitivities

- Ethylene oxide and formaldehyde will be detected by reddish pink discoloration. The sensitivity of indication may be different.
- Acetaldehyde, Styrene and Vinyl acetate will be detected by yellowish brown discoloration. The sensitivity of indication may be different.
- Tri ethylene glycol (TEG) will be detected by pinkish brown discoloration. The sensitivity of indication may be different.

*Manufactured By:*

**Uniphos Envirotronic Pvt. Ltd (100% EOU)**

P.O. Nahuli - 396 108

Tal. Umbergaon,

Dist: Valsad, Gujarat, India

Tel. : +91 9909994042

[gasdetection@uniphos-envirotronic.com](mailto: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](http://www.kwikdrawtubes.com)

Rev.02/Dec18