

Information Data Sheet

Detector Tube Styrene-10

Part No. (US): 804135

Part No. D5086819

1. Application

Detection of styrene (vinyl benzene, $C_6H_5C_2H_3$) in air or in 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.

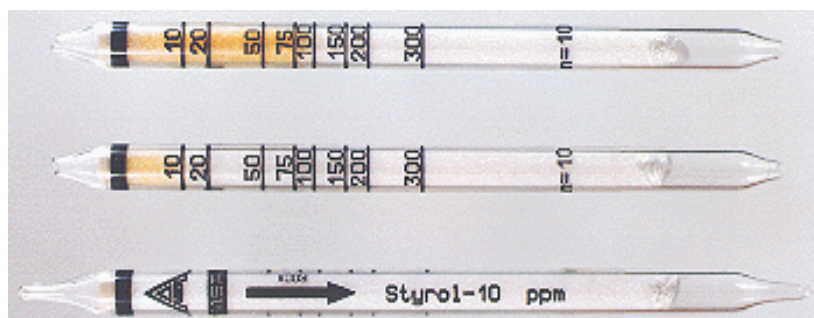
3. Measuring Range

10 ppm ... 300 ppm styrene at n=10 (10 strokes)

4. Chemical Reaction and Color Change

Reaction of styrene with sulfuric acid.

Color change: white → yellow.



5. Ambient Conditions During Sampling

• Detector tubes can be used without compensation of the reading between 10 °C and 30 °C (50 °F and 86 °F) and between 10 % rh (0.9 g/m³ at 10 °C [32 °F]) and 80 % rh (24 g/m³ at 30 °C [86 °F]).

6. Interferences and Cross Sensitivities

- No interference from:
 - hydrogen, methane, ethane, propane, butanes, carbon monoxide, carbon dioxide.
 - benzene, toluene, higher saturated hydrocarbons (e. g. butanes, octanes), methanol up to 1000 ppm.
- Unsaturated hydrocarbons (e. g. butadiene) are indicated. The sensitivity of indication is different.

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