

Information Data Sheet

Detector Tube Styrene-10

Part No. (US): 804135

Part No. D5086819

1. Application

Detection of styrene (vinyl benzene, C₆H₅C₂H₃) in air or in technical gases.

2. Detector Tube Sampling Pump

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.

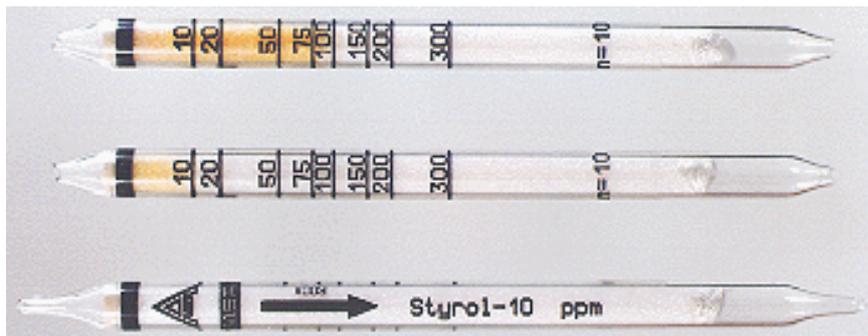
3. Measuring Range

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.

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