

Information Data Sheet

Detector Tube Phenol-1

Part No. (US): 813778

Part No. D5086838

1. Application

Detection of phenol 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.

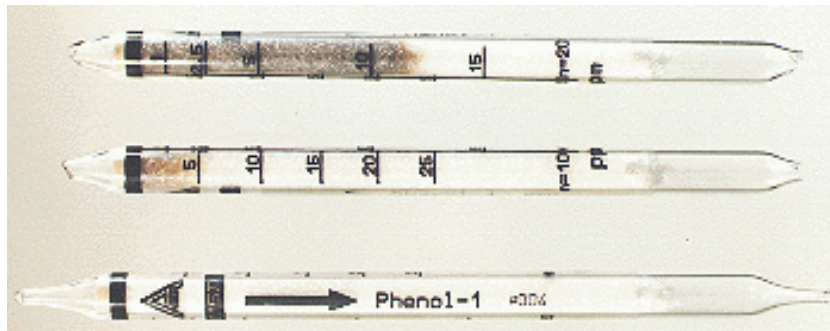
3. Measuring Range

1 ppm ... 15 ppm phenol at n = 20 (20 pump strokes).
5 ppm ... 25 ppm phenol at n = 10 (10 pump strokes).

4. Chemical Reaction and Color Change

Reaction of phenol with cersulfate and sulfuric acid.

Color change: Light yellow → Grey/brown.



5. Ambient Conditions During Sampling

• Detector tubes can be used between 0 °C and 40 °C [32 °F and 104° F] and between 1 and 18 g H₂O/m³.

Between 0 °C and 10 °C: multiply the reading by 1.3, between 30 °C and 40 °C: multiply the reading by 0.8.

6. Interferences and Cross Sensitivities

- Cresols react with nearly the same sensitivity as phenol.
- No interferences from: benzene, toluene and other aromatic hydrocarbons without heteroatoms.
- No interferences from: aliphatic hydrocarbons and alcohols.

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

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

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

Rev.02/Jan17