

Information Data Sheet

Detector Tube **CO-0.1 %**

Part No. (US): **804423**

Part No. **D5085822**

1. Application

Detection of carbon monoxide (CO) 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.

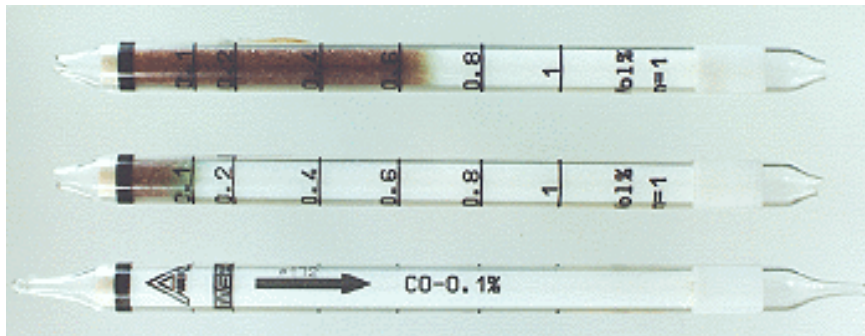
3. Measuring Range

0.1 vol.% ... 1.0 vol.% carbon monoxide at n=1 (1 stroke).

4. Chemical Reaction and Color Change

Oxidation of carbon monoxide by iodine pentoxide in fuming sulfuric acid.

Color change: White/yellowish → Brown



5. Ambient Conditions During Sampling

Detector tubes can be used between 0 °C and 40 °C (32 °F and 104 °F).

6. Interferences and Cross Sensitivities

a) No interference from:

- Hydrogen, methane, ethane, carbon dioxide, as well in concentrations above 50 vol.%.
- sulfur dioxide, nitrogen dioxide, propane up to 1 vol.%.
- Higher saturated hydrocarbons (e.g. hexanes, octanes), olefinic hydrocarbons (e.g. ethylene) up to 200 ppm.

b) Interfering concentrations of hydrocarbons may be eliminated by adding a charcoal filter tube Ads (804403).

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