

Information Data Sheet

Detector Tube CO-HP

Part No. (US): 488906

Part No. D5085847

1. Application

Detection of carbon monoxide (CO) in compressed air.

2. Sampling Device

Monitoring set for compressed air, Uniphos Airtester HP, observe included instruction for use.

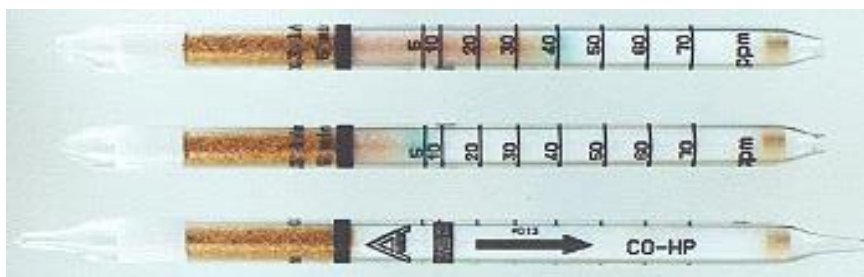
3. Measuring Range

5 ... 70 ppm carbon monoxide for a 1.5 L sample.

4. Chemical Reaction and Color Change

Oxidation of carbon monoxide by iodine pentoxide in fuming sulfuric acid, forming carbon dioxide and iodine..

Color change: White → Brown/green



5. Influence of Temperature

Detector tubes can be used between 0 °C and 40 °C (32 °F and 104 °F) and up to 90 % rh (46 g/m³ at 40 °C [104 °F])

6. Interferences and Cross Sensitivities

- a) No interference from:
hydrogen, methane, carbon dioxide, mineralic oil (vapor and mist)

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