

# 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.

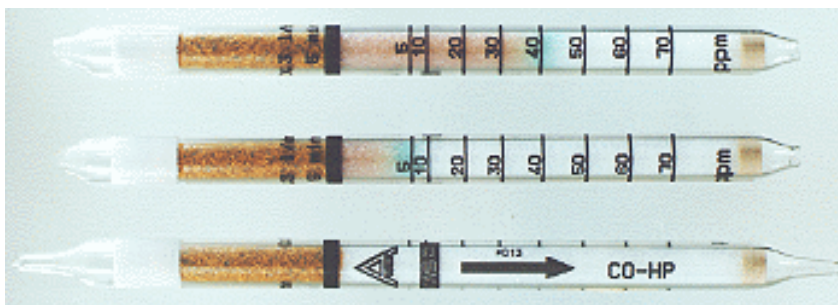
**3. Measuring Range**

(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/m<sup>3</sup> 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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