

Information Data Sheet

Detector Tube **CO₂-HP**

Part No. (US): **488907**

Part No. **D5085848**

1. Application

Detection of carbon dioxide (CO₂) in compressed air.

2. Sampling Device

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

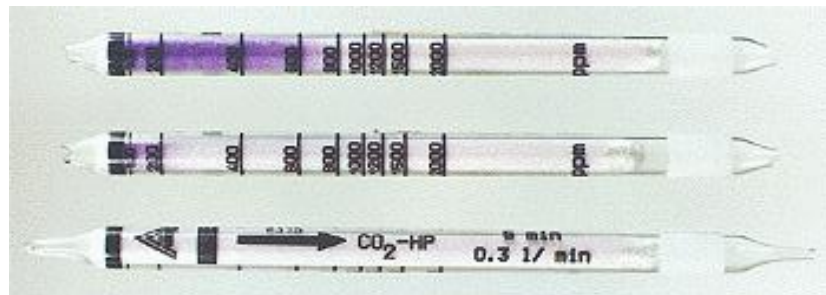
3. Measuring Range

100 ... 2000 ppm carbon dioxide for a 1.5 L sample.

4. Chemical Reaction and Color Change

Reaction of carbon dioxide with hydrazine. Change of pH-value indicated by color change of acid-base-indicator.

Color change: White → Violet.



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, ethane, propane, carbon monoxide, mineralic oil (vapor and mist)

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