

# Carbon Dioxide-HP

**KWIKDRAW**  
UNIPHOS

**Part No. D5085848**

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

## 1. Application

Detection of carbon dioxide (CO<sub>2</sub>) in compressed air.

## 2. Sampling Device

Monitoring set for compressed air, KWIKDRAW Airstester HP, observe included instruction for use.

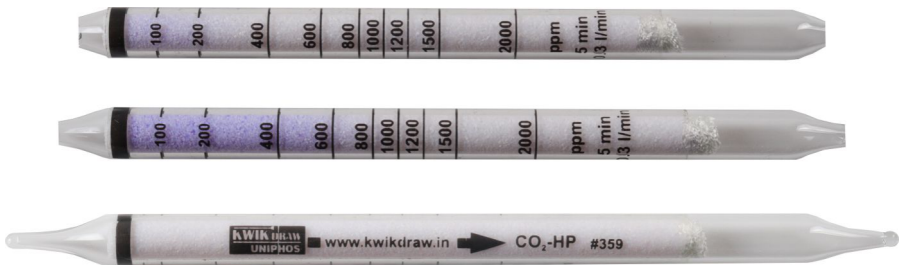
## 3. Measuring Range

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 colour 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/m<sup>3</sup> at 40 °C [104 °F])

## 6. Interferences and Cross Sensitivities

a) No interference from:

hydrogen, methane, ethane, propane, carbon monoxide, mineral oil (vapour and mist)

TLV(TWA): 5000 ppm

TLV(STEL): 30,000 ppm

Flammable Range: Non Flammable