

Carbon Monoxide-HP

KWIKDRAW
UNIPHOS

Part No. D5085847

Part No. (US): 488906

1. Application

Detection of carbon monoxide (CO) in compressed air.

2. Sampling Device

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

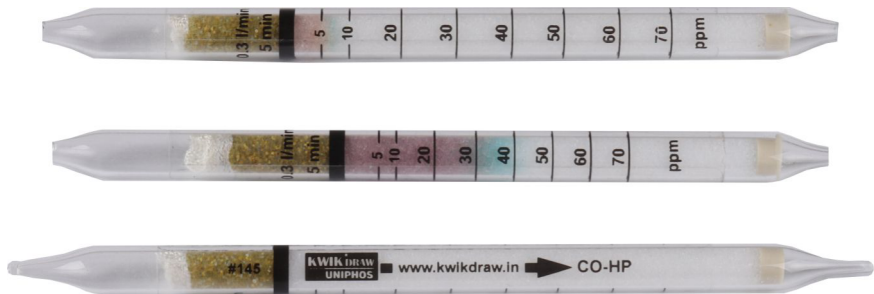
3. Measuring Range

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, mineral oil (vapour and mist)

TLV(TWA): 25 ppm

TLV(STEL): N.A.

Flammable Range: 13 - 74%