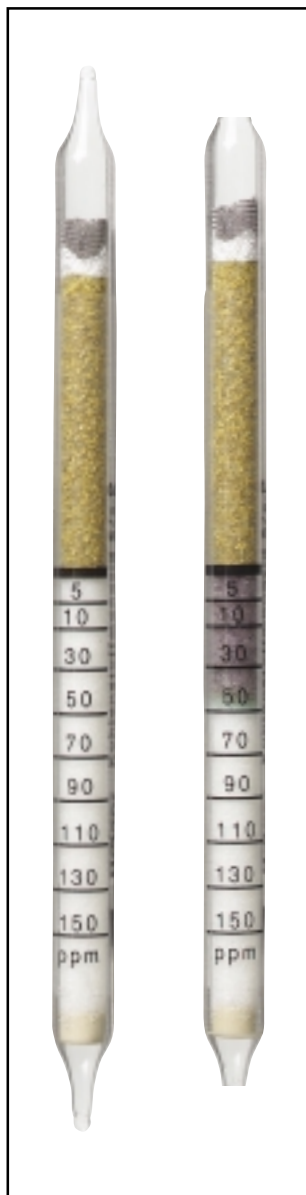


Carbon Monoxide 5/a-P

Order No.

67 28511

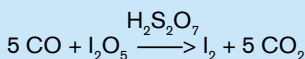


| | |
|---------------------------------|--------------------------------------|
| Standard Measuring Range | : 5 to 150 ppm |
| Test Volume | : 1 L |
| Flow Rate | : 0.2/min |
| Time for Measurement | : app. 5 min |
| Standard Deviation | : $\pm 10 \dots 15 \%$ |
| Colour Change | : white \rightarrow brownish-green |

Ambient Operating Conditions

| | |
|--------------------------|--|
| Temperature | : 0 to 40 °C |
| Absolute Humidity | : 0 to 50 mg H ₂ O / L |
| Pressure | : The tube may only be used for depressurized compressed air |

Reaction Principle



Cross Sensitivity

Acetylene reacts similar to carbon monoxide, however, with less sensitivity.

Petrol, benzene, halogenated hydrocarbons and hydrogen sulphide are retained in the pre-layer.

Higher concentrations of easily cleavable halogenated hydrocarbons (e.g. trichloroethylene), may form chromyl chloride in the prelayer which changes the indicating layer to yellowish-brown.

Carbon monoxide determination is not possible in the case of high olefine concentration.

Extension of the Measuring Range

Using a test volume of 2 L, divide the reading by 2, measuring range 2.5 to 75 ppm.

SI-71-2001