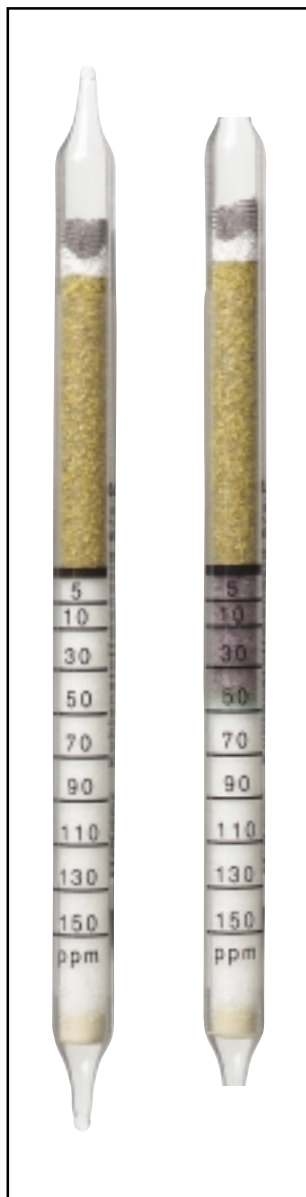


Carbon Monoxide 5/a-P

Order No.

67 28511

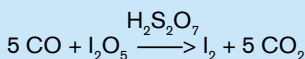


Standard Measuring Range : 5 to 150 ppm
Test Volume : 1 L
Flow Rate : 0.2/min
Time for Measurement : app. 5 min
Standard Deviation : $\pm 10 \dots 15 \%$
Colour Change : white \rightarrow brownish-green

Ambient Operating Conditions

Temperature : 0 to 40 °C
Absolute Humidity : 0 to 50 mg H₂O / 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