

Carbon Monoxide 5/a-P

Order No. 67 28 511

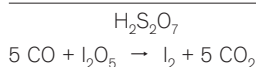
Application Range

Standard Measuring Range:	5 to 150 ppm
Test Volume:	1 L
Flow Rate:	0.2 L / min
Time for Measurement:	approx. 5 min
Standard Deviation:	± 10 to 15 %
Color Change:	white → 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 similarly to carbon monoxide but with less sensitivity.

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

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

In case of high olefine concentrations it is not possible to measure carbon monoxide.

Extension of the Measuring Range

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



STF-71/2001