

# Carbon Monoxide 5/a-P

Order No. 67 28 511

## Application Range

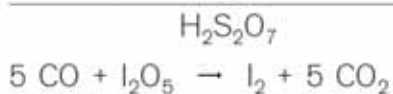
Use in Aerotest 5000, Aerotest Alpha, MultiTest med. Int.,  
Aerotest HP, SimultanTest CO<sub>2</sub>

|                           |                        |
|---------------------------|------------------------|
| 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: | max. 50 mg H <sub>2</sub> O / L                                  |
| Pressure:          | The tube may only be<br>used for depressurized<br>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.



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