

Carbon Monoxide 2/a

Order No. 67 33 051

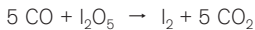
Application Range

Standard Measuring Range:	2 to 60 ppm
Number of Strokes n:	10
Time for Measurement:	approx. 4 min
Standard Deviation:	± 10 to 15 %
Color Change:	white → brownish pink/green

Ambient Operating Conditions

Temperature:	0 to 50 °C
Absolute Humidity:	2 to 20 mg H ₂ O / L

Reaction Principle



Cross Sensitivity

Acetylene is also indicated, however, with less sensitivity. Petroleum hydrocarbons, benzene, halogenated hydrocarbons and hydrogen sulfide are retained in the pre-layer. In the case of higher concentrations of interfering hydrocarbons, use should be made of a carbon pre-tube (CH 24 101). Higher concentrations of easily cleavable halogenated hydrocarbons (e.g. trichloroethylene), are liable to form chromyl chloride in the pre-layer which changes the indicating layer to a yellowish-brown. CO determination is not possible in the case of high olefin concentrations.

Extension of the Measuring Range

Using $n = 2$, multiply the reading by 5; the measuring range will be 10 to 300 ppm.



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