

Carbon Monoxide 8/a

Order No. CH 19 701

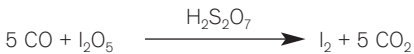
Application Range

Standard Measuring Range:	8 to 150 ppm
	Only for CO in H ₂ > 95 Vol.-%
Number of Strokes n:	10
Time for Measurement:	approx. 2 min
Standard Deviation:	± 10 to 15 %
Color Change:	white → pale brown

Ambient Operating Conditions

Temperature:	0 to 50 °C
Absolute Humidity:	< 50 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 impossible in the case of high olefin concentrations.

Additional Information

This particular tube is designed for the measurement of carbon monoxide in hydrogen.

