

Perchloroethylene 10/b

Order No. CH 30 701

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Application Range

Standard Measuring Range:	10 to 500 ppm
Number of Strokes n:	3
Time for Measurement:	approx. 40 s
Standard Deviation:	± 15 to 20 %
Color Change:	grey → orange

Ambient Operating Conditions

Temperature:	15 to 40 °C
Absolute Humidity:	5 to 12 mg H ₂ O / L

Reaction Principle

- $\text{CCl}_2=\text{CCl}_2 + \text{MnO}_4^- \rightarrow \text{Cl}_2$
- $\text{Cl}_2 + o\text{-Tolidine} \rightarrow \text{orange reaction product}$

Cross Sensitivity

Other chlorinated hydrocarbons, free halogens and hydrogen halides are also indicated. Petroleum hydrocarbon vapors result in a shortened reading.



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