

Perchloroethylene 10/b

Catalog No CH30701

Standard Measuring Range: 10 to 500 ppm
Number of Strokes (n): 3
Time for Measurement: about 40 seconds
Standard Deviation ± 15 to 20%
Color Change: grey to orange

Ambient Operation Conditions

Temperature: 15 to 40°C
Absolute Humidity: 5 to 12 mg H₂O/L

Reaction Principle

- a) $\text{CCl}_2=\text{CCl}_2 + \text{MnO}_4^- \longrightarrow \text{Cl}_2$
b) $\text{Cl}_2 + \text{o-Tolidine} \longrightarrow \text{orange reaction product}$

Cross Sensitivity

Halogenated hydrocarbons and free halogens are indicated.

Petroleum vapors reduce the perchloroethylene indication.



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