Hydrogen Peroxide 0.1/a

Order No. 81 01 041



Application Range

Standard Measuring Range: 0 to 3 ppm / 1 ppm

Number of Strokes n: 20 / 2

Time for Measurement: apporx. 3 min / approx. 18 s

Standard Deviation: \pm 10 to 15 % Color Change: white \rightarrow brown

Ambient Operating Conditions

Temperature: 10 to 25 °C

Absolute Humidity: 3 to 10 mg H_2O / L

Reaction Principle

 $2 H_2 O_2 + 2 KI \rightarrow I_2 + 2 H_2 O + O_2$

Cross Sensitivity

It is impossible to measure hydrogen peroxide in the presence of chlorine or nitrogen dioxide. Only hydrogen peroxide vapor is indicated, not the aerosols.

