Benzene 2/a

Order No. 81 01 231

Application Range

Standard Measuring Range: 2 to 60 ppm

Number of Strokes n: 20

Time for Measurement: approx. 8 min Standard Deviation: ± 10 to 15 %

Color Change: white → brown grey

Ambient Operating Conditions

Temperature: 0 to 40 °C

Absolute Humidity: 1 to 15 mg H₂O / L

Reaction Principle

 $C_6H_6 + I_2O_5 + H_2SO_4 \rightarrow I_2$

Cross Sensitivity

Alkyl benzenes such as toluene or xylene up to a concentration of 200 ppm do not affect the indication. It is impossible to measure benzene in the presence of petroleum hydrocarbons and carbon monoxide.

