# Ethyl Benzene 30/a

Order No. 67 28 381

Application Range

Standard Measuring Range:	30 to 400 ppm
Number of Strokes n:	6
Time for Measurement:	approx. 2 min
Standard Deviation:	± 10 to 15 %
Color Change:	white → brown

## **Ambient Operating Conditions**

Temperature:	10 to 30 °C
Absolute Humidity:	5 to 12 mg $\rm H_2O$ / $\rm L$

### Reaction Principle

$$C_6H_5 - C_2H_5 + I_2O_5 \rightarrow I_2$$

#### Cross Sensitivity

Many petroleum hydrocarbons and aromatics are indicated, but with different sensitivities. It is impossible to differentiate between them.

#### Extension of the Measuring Range

Using n = 4, multiply the reading by 1.5; the measuring range will be 45 to 600 ppm.





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