# Order No.

#### 81 01731

# Toluene 100/a

Standard Measuring Range : 100 to 1,800 ppm

Number of Strokes (n) : 10

Time for Measurement : app. 1.5 min Standard Deviation :  $\pm$  10 to 15 %

**Colour Change**: white —> brown violet

## **Ambient Operating Conditions**

 $\begin{array}{lll} \textbf{Temperature} & : & 0 \text{ to } 40 \text{ °C} \\ \textbf{Absolute Humidity} & : & < 30 \text{ mg H}_2\text{O} \text{ / L} \\ \end{array}$ 

#### **Reaction Principle**

Toluene + SeO<sub>2</sub> + H<sub>2</sub>SO<sub>4</sub> --> brown violet reaction product

### **Cross Sensitivity**

Xylenes are indicated with approximately the same sensitivity, but with a bluish violet colour.

Benzene discolours the entire indicating layer a diffuse yellow brown.

Petroleum hydrocarbons discolour the entire indicating layer a diffuse reddish brown.

Methanol, ethanol, acetone and ethyl acetate do not interfere.

