

# Toluene 100/a

Catalog No 8101731

**Standard Measuring Range:** 100 to 1,800 ppm  
**Number of Strokes (n):** 10  
**Time for Measurement:** about 1.5 minutes  
**Standard Deviation:** ± 10 to 15%  
**Color Change:** white to brown violet

## Ambient Operation Conditions

**Temperature:** 0 to 40°C  
**Absolute Humidity:** < 30 mg H<sub>2</sub>O/L

## 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 color.

Benzene discolors the entire indicating layer a diffuse yellow brown.

Petroleum hydrocarbons discolor the entire indicating layer diffuse reddish brown.

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



# Dräger

Manufactured by Draeger Safety

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