# Benzene 2/a

#### **Catalog No 8101231**

Standard Measuring Range: 2 to 60 ppm

Number of Strokes (n): 20

**Time for Measurement:** about 8 minutes **Standard Deviation:** ± 10 to 15%

Color Change: white to brown grey

### **Ambient Operation Conditions**

**Temperature:** 0 to 40°C

**Absolute Humidity:** < 1 to 15 mg H<sub>2</sub>O/L

### **Reaction Principle**

 $C_6H_6 + I_2O_5 + H_2SO_4 ----> I_2$ 

## **Cross Sensitivity**

Alkyl benzenes such as toluene or xylene up to a concentration of 200 ppm do not affect the indication.

It is not possible to measure benzene in the presence of petroleum hydrocarbons and CO (carbon monoxide).



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