# Sulfur Dioxide 1/a

#### Catalog No CH31701

Standard Measuring Range: 1 to 25 ppm

Number of Strokes (n): 10

Time for Measurement:about 3 minutesStandard Deviation: $\pm$  10 to 15%

Color Change: grey blue to white

### **Ambient Operation Conditions**

Temperature: 15 to 25°C

**Absolute Humidity:** 3 to 20 mg H<sub>2</sub>O/L

# **Reaction Principle**

starch

$$SO_2 + I_2 + 2 H_20 \longrightarrow H_2SO_4 + 2 HI$$

# **Cross Sensitivity**

Hydrogen sulfide in the TLV range is retained in the prelayer and does not interfere.

Nitrogen dioxide will shorten the reading.



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