

Sulfur Dioxide 0.1/a

Catalog No 6727101

Standard Measuring Range: 0.1 to 3 ppm
Number of Strokes (n): 100
Time for Measurement: about 20 minutes
Standard Deviation: ± 10 to 15%
Color Change: yellow to orange

Ambient Operation Conditions

Temperature: 10 to 30°C
Absolute Humidity: 3 to 15 mg H₂O/L

Reaction Principle

$\text{SO}_2 + \text{Na}_2(\text{HgCl}_4) + \text{Methyl red} \longrightarrow \text{Na}_2[\text{Hg}(\text{SO}_3)_2] + 4 \text{HCl}$

Cross Sensitivity

It is impossible to measure sulfur dioxide in the presence of other acidic gases.



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