

Sulfur Dioxide 20/a

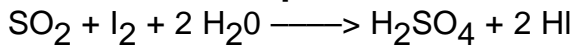
Catalog No CH24201

Standard Measuring Range: 20 to 200 ppm
Number of Strokes (n): 10
Time for Measurement: about 3 minutes
Standard Deviation: ± 10 to 15%
Color Change: brown yellow to white

Ambient Operation Conditions

Temperature: 0 to 40°C
Absolute Humidity: < 30 mg H₂O/L

Reaction Principle



Cross Sensitivity

Hydrogen sulfide is indicated, but with a different sensitivity. It is impossible to measure sulfur dioxide in the presence of hydrogen sulfide.

If sulfur dioxide and nitrogen dioxide are present at the same time, the indication will not correspond to the expected sulfur dioxide concentration. These gases react with one another in the gas phase before entering the detector tube.

Extension of the Measuring Range

Using n=1+3 desorption strokes, multiply the reading by 10; the range of measurement is 200-2,000 ppm.

The desorption strokes are to be taken in clean air (i.e. free of sulfur dioxide) immediately following the single pump stroke.



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