Sulfur Dioxide 1/a

Order No. CH 31 701

Application Range

Standard Measuring Range: 1 to 25 ppm

Number of Strokes n: 10

Time for Measurement: approx. 3 min Standard Deviation: ± 10 to 15 % Color Change: grev blue → white

Ambient Operating Conditions

15 to 25 °C Temperature: Absolute Humidity: 3 to 20 mg H₂O / L

Reaction Principle

 $SO_2 + I_2 + 2 H_2O \rightarrow H_2SO_4 + 2 HI$

Cross Sensitivity

Hydrogen sulfide in the TLV range is retained in the pre-layer and does not interfere. Nitrogen dioxide will shorten the reading.



Northside Sales, Co.

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