Sulfur Dioxide 0.1/a

Order No. 67 27 101

Application Range

Standard Measuring Range: 0.1 to 3 ppm

Number of Strokes n: 100

Time for Measurement: approx. 20 min Standard Deviation: \pm 10 to 15 % Color Change: yellow → orange

Ambient Operating Conditions

10 to 30 °C Temperature:

Absolute Humidity: 3 to 15 mg H₂O / L

Reaction Principle

 $SO_2 + Na_2[HgCl_4] + Methyl red \rightarrow Na_2[Hg(SO_3)_2] + 4 HCl$

Cross Sensitivity

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



