

Sulphur Dioxide 20/a

Order No.

CH 24201

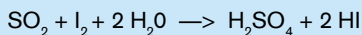


Standard Measuring Range : 20 to 200 ppm
Number of Strokes (n) : 10
Time for Measurement : app. 3 min
Standard Deviation : ± 10 to 15 %
Colour Change : brown yellow \rightarrow white

Ambient Operating Conditions

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

Reaction Principle



Cross Sensitivity

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

If sulphur dioxide and nitrogen dioxide are present at the same time, the indication will not correspond to the expected sulphur 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 sulphur dioxide) immediately following the single pump stroke.

ST-123-2001