

# Sulfur Dioxide 20/a

Order No. CH 24 201

## Application Range

Standard Measuring Range:	20 to 200 ppm
Number of Strokes n:	10
Time for Measurement:	approx. 3 min
Standard Deviation:	± 10 to 15 %
Color Change:	brown yellow → white

## Ambient Operating Conditions

Temperature:	0 to 40 °C
Absolute Humidity:	< 30 mg H <sub>2</sub> O / L

## Reaction Principle



## Cross Sensitivity

Hydrogen sulfide is indicated, with the same sensitivity. It is impossible to measure sulfur dioxide in the presence of hydrogen sulfide. Nitrogen dioxide will shorten the reading.

## 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.

