

Order Code  
64 06 220

## Hydrogen Sulphide 100 - 2500 ppm

**Measuring Range** : 100 to 2500 ppm (20 °C, 50 % r.h.)

**Measuring Time** : approx. 10 s at 2500 ppm  
approx. 30 s at 1000 ppm  
approx. 70 s at 100 ppm  
approx. 50 s at 0 ppm

### Ambient Operating Conditions

**Temperature** : 0 ... 40 °C

**Correction of Temperature** : 0 to 19 °C → not necessary  
21 to 40 °C → + 0.4 %/ °C  
% of measured value over the measurement range.

**Humidity** : 1 to 40 mg/L (corresp. 2 to 80 % r.h. at 40°C)  
**Correction of Humidity** : not necessary

**Air Pressure** : 700 to 1100 hPa

**Correction of Air Pressure** : not necessary

**Accuracy** : ± 6 % of the measured value over the measurement range,  
e.g.  
± 6 ppm at 100 ppm  
± 90 ppm at 1500 ppm

**Reproducibility** : ± 9 % (Standard Deviation)

### Cross Sensitivity

No influence at 100 ppm H<sub>2</sub>S by  
≤ 10 ppm nitrogen dioxide  
≤ 25 ppm sulfur dioxide  
≤ 300 ppm mercaptan

### Measurement with Remote System

Please observe the Instructions for Use of the Remote System.

### Flushing Time

For a measurement of 100 ppm hydrogen sulphide in laboratory conditions, a flushing time of 1 minute was determined.