

**Measuring Range** : 20 to 500 ppm (20 °C, 50 % r.h.)

**Measuring Time** : approx. 6 s at 500 ppm  
approx. 10 s at 200 ppm  
approx. 80 s at 20 ppm  
approx. 60 s at 0 ppm

## Ambient Operating Conditions

**Temperature** : 0 ... 40 °C

**Correction of Temperature** : 0 to 19°C → + 3 %/°C  
21 to 40°C → not necessary  
% of measured value over the measurement range.

**Humidity** : 1 to 10 mg/L (corresp. 5 to 60 % r.h. at 20°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.  
± 1.2 ppm at 20 ppm  
± 30 ppm at 500 ppm

**Reproducibility** : ± 8 % (Standard Deviation)

## Cross Sensitivity

No influence at 20 ppm HCl by  
≤ 100 ppm hydrogen sulphide  
≤ 20 ppm sulfur dioxide

## Measurement with Remote System

Please observe the Instructions for Use of the Remote System.

## Flushing Time

For a measurement of 30 ppm hydrochloric acid in laboratory conditions, a flushing time of 1 minute was determined.