

# Hydrochloric Acid 1 - 25 ppm

Order Code  
64 06 090

**Measuring Range** : 1 to 25 ppm (20 °C, 50 % r.h.)

**Measuring Time** : approx. 15 s at 25 ppm  
approx. 35 s at 5 ppm  
approx. 110 s at 1 ppm  
approx. 90 s at 0 ppm

## Ambient Operating Conditions

**Temperature** : 0 ... 40 °C

**Correction of Temperature** : 0 to 19 °C → + 2.5 %/ °C  
21 to 40 °C → - 0.9 %/ °C  
% 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** : ± 7 % of the measured value over the measurement range,  
e.g.  
± 0.07 ppm at 1 ppm  
± 0.35 ppm at 5 ppm

**Reproducibility** : ± 10 % (Standard Deviation)

## Cross Sensitivity

No influence at 5 ppm HCl by  
≤ 10 ppm hydrogen sulphide  
≤ 2 ppm sulfur dioxide

## Measurement with Remote System

Please observe the Instructions for Use of the Remote System.

## Flushing Time

For a measurement of 2 ppm hydrochloric acid in laboratory conditions, a flushing time of 3 minutes was determined.