

# Vinyl chloride 0.3 - 10 ppm

Order Code  
64 06 170

**Measuring Range** : 0.3 to 10 ppm (20 °C, 50 % r.h.)

**Measuring Time** : approx. 30 s at 10 ppm  
approx. 120 s at 2 ppm  
approx. 420 s at 0.3 ppm  
approx. 180 s at 0 ppm

## Ambient Operating Conditions

**Temperature** : 0 ... 40 °C

### Correction of Temperature

**Temperature** : 0 to 19°C → not necessary  
21 to 40°C → - 1 %/°C  
% of measured value over the measurement range.

**Humidity** : 1 to 30 mg/L (corresp. 2 to 60 % r.h. at 40°C)

**Correction of Humidity** : not necessary

**Air Pressure** : 700 to 1100 hPa

### Correction of Air Pressure

**Air Pressure** : not necessary

**Accuracy** : ± 14% of the measured value over the measurement range,  
e.g.  
± 0.04 ppm at 0.3 ppm  
± 0.28 ppm at 2 ppm

**Reproducibility** : ± 18 % (Standard Deviation)

### Cross Sensitivity

No influence at 0.3 ppm vinyl chloride by  
≤ 20 ppm hydrochloric acid  
≤ 5 ppm chlorine  
≤ 0.5 ppm trichloroethylene

## Measurement with Remote System

Please observe the Instructions for Use of the Remote System.

## Flushing Time

For a measurement of 0.3 ppm vinyl chloride in laboratory conditions, a flushing time of 1 minute was determined.