

Measuring Range : 10 to 250 ppm (20 °C, 50 % r.h.)

Measuring Time : approx. 45 s at 250 ppm
approx. 100 s at 10 ppm
approx. 60 s at 0 ppm

Ambient Operating Conditions

Temperature : 0 ... 40 °C

Correction of Temperature : 0 to 19 °C → + 2 % /°C
21 to 40 °C → not necessary
% 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 : not necessary

Accuracy : ± 8 % of the measured value over the measurement range,
e.g.
± 0.8 ppm at 10 ppm
± 4.0 ppm at 50 ppm

Reproducibility : ± 12 % (Standard Deviation)

Cross Sensitivity

No influence at 10 ppm vinyl chloride by
≤ 50 ppm hydrochloric acid
≤ 25 ppm chlorine
≤ 2 ppm trichloroethylene

Measurement with Remote System

Please observe the Instructions for Use of the Remote System.

Flushing Time

For a measurement of 10 ppm vinyl chloride in laboratory conditions, a flushing time of 1 minute was determined.