

Measuring Range : 5 to 100 ppm (20 °C, 50 % r.h.)

Measuring Time : approx. 40 s at 100 ppm
approx. 70 s at 50 ppm
approx. 300 s at 5 ppm
approx. 165 s at 0 ppm

Ambient Operating Conditions

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

Accuracy : ± 8% of the measured value over the measurement range, e.g.
± 0.4 ppm at 5 ppm
± 8 ppm at 100 ppm

Reproducibility : ± 10% (Standard Deviation)

Cross Sensitivity
No influence at 5 ppm trichloroethylene by
≤ 10 ppm n-octane
≤ 2 ppm hydrochloric acid
Chlorine is indicated with identical sensitivity.

Measurement with Remote System

Please observe the Instructions for Use of the Remote System.

Flushing Time

For a measurement of 50 ppm trichloroethylene in laboratory conditions, a flushing time of 1 minute was determined.