

Measuring Range : 200 to 3000 ppm
(20 °C, 50 % r.h.)

Measuring Time : approx. 60 s at 3000 ppm
approx. 120 s at 1500 ppm
approx. 260 s at 200 ppm
approx. 180 s at 0 ppm

Ambient Operating Conditions

Temperature : 0 ... 40 °C

Correction of Temperature : 0 to 19°C → + 1 %/°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 : ± 7 % of the measured value over
the measurement range, e.g.
± 14 ppm at 200 ppm
± 105 ppm at 1500 ppm

Reproducibility : ± 10 % (Standard Deviation)

Cross Sensitivity

No influence at 200 ppm CO₂ by
≤ 1 ppm hydrogen sulfide
≤ 0.2 ppm sulfur dioxide

Measurement with Remote System

Please observe the Instructions for Use of the Remote System.

Flushing Time

For a measurement of 200 ppm carbon dioxide in laboratory conditions, a flushing time of 1 minute was determined.