Measuring Range : 25 to 1000 ppb (20 °C, 50 % r.h.)

Measuring Time : approx. 100 s at 1000 ppb
                 approx. 300 s at 250 ppb
                 approx. 600 s at 25 ppb
                 approx. 600 s at 0 ppb

Ambient Operating Conditions

Temperature : 0… 40 °C
Correction of Temperature : 0 to 19 °C → + 1.5 %/ °C
% of measured value over the measurement range.

Humidity : 1 to 25 mg/L (corresp. 2 to 50 % r.h. at 40°C)
Correction of Humidity : not necessary

Air Pressure : 700 to 1100 hPa
Correction of Air Pressure : not necessary

Accuracy : ± 15 % of the measured value
           over the measurement range, e. g.
           ± 3.75 ppb at 25 ppb
           ± 150 ppb at 1000 ppb

Reproducibility : ± 20 % (Standard Deviation)

Cross Sensitivity
Substances | Display of Analyzer indicates
0.2 ppm hydrogen peroxide | approx. 50 ppb
1.0 ppm hydrogen peroxide | approx. 250 ppb
0.5 ppm chlorine | approx. 500 ppb
2.5 ppm chlorine | > 1000 ppb

Measurement with Remote System
Please observe the Instructions for Use of the Remote System.

Flushing Time
For a measurement of 250 ppb ozone in laboratory conditions, a flushing time of 2 minute was determined.