

Ozone 25 - 1000 ppb

Order Code
64 06 430

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.