

Acetone 40 - 600 ppm

Order Code
64 06 470

Measuring Range : 40 to 600 ppm (20°C, 50% r.h.)

Measuring Time : approx. 60 s at 600 ppm
approx. 150 s at 200 ppm
approx. 450 s at 40 ppm
approx. 600 s at 0 ppm

Ambient Operating Conditions

Temperature : 5 ... 40 °C
Correction of Temperature : 5 to 19 °C: + 1.8 % / °C
21 to 40 °C: - 1.5 % / °C
% of measured value over the measurement range.

Humidity : 0 to 30 mg/L (corresp. 0 to 100 % r.h. at 30°C)
Correction of Humidity : not necessary

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

Accuracy : ± 12 % of the measured value
over the measurement range, e.g.
± 4.8 ppm at 40 ppm
± 72 ppm at 600 ppm

Reproducibility : ± 16 % (Standard Deviation)

Cross Sensitivity

Substance	Display of Analyzer indicates
200 ppm Methyl ethyl ketone	approx. 370 ppm
100 ppm Methyl isobutyl ketone	approx. 240 ppm
100 ppm Methanol	approx. 200 ppm
500 ppm Ethanol	approx. 500 ppm
100 ppm i-propanol	approx. 290 ppm

Measurement with Remote System

Please observe the Instructions for Use of the Remote System.

Flushing Time

For a measurement of 100 ppm acetone in laboratory conditions, a flushing time of 2 minutes was determined.