

Petroleum Hydrocarbons 20 - 500 ppm

Order Code
64 06 200

Measuring Range : 20 to 500 ppm n-octane (20 °C, 50 % r.h.)

Measuring Time : approx. 50 s at 500 ppm
approx. 75 s at 250 ppm
approx. 330 s at 20 ppm
approx. 225 s at 0 ppm

Ambient Operating Conditions

Temperature : 0 ... 40 °C

Correction of Temperature : 0 to 19 °C → + 5 % / °C
21 to 40 °C → - 2 % / °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 : ± 9 % of the measured value over the measurement range,
e. g.
± 1.8 ppm at 20 ppm
± 45 ppm at 500 ppm

Reproducibility : ± 15 % (Standard Deviation)

Cross Sensitivity

Substance	Display of Analyzer indicates
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250 ppm n-hexane	approx. 330 ppm
250 ppm n-heptane	approx. 280 ppm
250 ppm n-nonane	approx. 150 ppm
200 ppm toluene	approx. 80 ppm
50 ppm o-xylene	< 20 ppm

Measurement with Remote System

Please observe the Instructions for Use of the Remote System.

Flushing Time

For a measurement of 40 and 250 ppm n-octane in laboratory conditions, a flushing time of 30 seconds was determined.