Order Code
64 06 270

Petroleum Hydrocarbons 100 - 3000 ppm

Measuring Range : 100 to 3000 ppm n-octane
(20 °C, 50 % r.h.)

Measuring Time : approx. 30 s at 3000 ppm
approx. 50 s at 500 ppm
approx. 90 s at 100 ppm
approx. 110 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 : ± 10 % of the measured value over the measurement range, e.g.
± 10 ppm at 100 ppm
± 300 ppm at 3000 ppm

Reproducibility : ± 13 % (Standard Deviation)

Cross Sensitivity

Substance	Display of Analyzer indicates
250 ppm n-hexane	approx. 330 ppm
250 ppm n-heptane	approx. 280 ppm
250 ppm n-nonane	approx. 150 ppm
200 ppm toluene	< 100 ppm
200 ppm o-xylene	< 100 ppm

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

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