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

<table>
<thead>
<tr>
<th>Substance</th>
<th>Display of Analyzer indicates</th>
</tr>
</thead>
<tbody>
<tr>
<td>250 ppm n-hexane</td>
<td>approx. 330 ppm</td>
</tr>
<tr>
<td>250 ppm n-heptane</td>
<td>approx. 280 ppm</td>
</tr>
<tr>
<td>250 ppm n-nonane</td>
<td>approx. 150 ppm</td>
</tr>
<tr>
<td>200 ppm toluene</td>
<td>approx. 80 ppm</td>
</tr>
<tr>
<td>50 ppm o-xylene</td>
<td>&lt; 20 ppm</td>
</tr>
</tbody>
</table>

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.