

Petroleum Hydrocarbons 10 – 3000 ppm

Order no. 8610270

Measuring range:	10 to 3000 ppm cyclohexane
Typical measuring time:	10 to 360 s
Accuracy:	± 15 % (under calibration conditions)
Permissible ambient conditions	
Temperature:	0 to 40 °C
Temperature correction:	< 17 °C → +5 % of the measured value per °C 17 to 25 °C → none > 25 °C → -2 % of the measured value per °C
Humidity:	1 to 40 mg/L
Humidity correction:	none

Cross-sensitivities

The detection of 250 ppm cyclohexane is not affected by:

100 ppm n-hexane
250 ppm n-heptane
50 ppm n-octane
100 ppm n-nonane
100 ppm toluene
150 ppm xylene, mixed isomers

Hose and probe measurements

The following purging time recommendations for remote measurements have been determined with a brand-new, dry, and clean hose and probes.

Hose / probe	Length in m	Purging time in min
FKM hose	5 – 20	3
FKM hose	45	5
PTFE-lined PVC hose	3 – 15	3
Bar probe 90 (8316532)		1
Telescopic probe ES 150 (8316533)		2
Probe set GP600 (8328667)		3