

Methylene Chloride 10 – 500 ppm

Order no. 8610510

Measuring range:	10 to 500 ppm
Typical measuring time:	180 to 720 s
Accuracy:	± 25 % (under calibration conditions)
Permissible ambient conditions	
Temperature:	10 to 40 °C
Temperature correction:	< 20 °C: + 15 % of the measured value per °C > 20 °C: - 4 % of the measured value per °C
Humidity:	1 to 40 mg/L
Humidity correction:	none

Cross-sensitivities

The detection of 10 ppm methylene chloride is not affected by

- 50 ppm hydrochloric acid
- 500 ppm carbon monoxide
- 10 ppb vinyl chloride
- 0.1 ppm chlorine
- 100 ppm n-octane
- 500 ppm chloromethane
- 10 Vol% carbon dioxide
- 1 ppm 1,2-dichloroethane

The detection of methylene chloride is positively influenced by perchloroethylene and trichloroethylene.

50 ppm methylene chloride + 1 ppm perchloroethylene are indicated as 170 ppm.

50 ppm methylene chloride + 1 ppm trichloroethylene are indicated as 80 ppm.

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	4
FKM hose	45	5
PTFE-lined PVC hose	3 – 15	5
Bar probe 90 (8316532)		1
Telescopic probe ES 150 (8316533)		2
Probe set GP600 (8328667)		4