

Methyl Tert-Butyl Ether (MTBE) 2 – 200 ppm

Order no. 8610530

Measuring range:	2 to 200 ppm
Typical measuring time:	60 to 450 s
Accuracy:	± 25 % (under calibration conditions)
Permissible ambient conditions	
Temperature:	10 to 30 °C
Temperature correction:	< 20 °C: + 12 % of the measured value per °C > 20 °C: - 5 % of the measured value per °C
Humidity:	1 – 30 mg/L
Humidity correction:	none

Cross-sensitivities

The detection of 50 ppm methyl tert-butyl ether (MTBE) is not affected by

- 150 ppm benzene
- 5 ppm toluene
- 10 ppm ethylbenzene
- 2 ppm xylene
- 100 ppm cyclohexane

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
TPTFE-lined PVC hose	3 – 15	3
Bar probe 90 (8316532)		2
Telescopic probe ES 150 (8316533)		2
Probe set GP600 (8328667)		2