

Trichloroethylene 0.25 – 50 ppm

Order no. 8610320

Measuring range:	0.25 to 50 ppm
Typical measuring time:	20 to 270 s
Accuracy:	± 25 % (under calibration conditions)
Permissible ambient conditions	
Temperature:	0 to 40 °C
Temperature correction:	< 20 °C: + 5.5 % of the measured value per °C > 20 °C: - 3.5 % of the measured value per °C
Humidity:	1 to 40 mg/L
Humidity correction:	none

Cross-sensitivities

The detection of 10 ppm trichloroethylene is not affected by:

- 500 ppm n-octane
- 5 ppm hydrochloric acid
- 10 ppm 1,2-dichloroethane
- 1 ppm vinyl chloride

0.5 ppm chlorine gives a reading of approx. 4 ppm trichloroethylene. 10 ppm methylene chloride does not give a reading. 500 ppm methylene chloride gives a reading of approx. 4 ppm trichloroethylene.

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)		2
Telescopic probe ES 150 (8316533)		2
Probe set GP600 (8328667)		3