

Phosgene 10 – 1000 ppb

Order no. 8610340

Measuring range:	10 to 1000 ppb
Typical measuring time:	10 to 300 s
Accuracy:	± 25 % (under calibration conditions)

Permissible ambient conditions

Temperature:	10 to 40 °C
Temperature correction:	none
Humidity:	1 to 40 mg/L
Humidity correction:	none

Cross-sensitivities

The detection of 250 ppb phosgene is not affected by

- 100 ppm methyl chloride
- 10 ppm hydrochloric acid
- 100 ppm carbon monoxide

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	20
FKM hose	45	not possible
Tygon/PTFE hose	3 – 15	5
Bar probe 90 (8316532)		10
Telescopic probe ES 150 (8316533)		not possible
Probe set GP600 (8328667)		5