

Ethylene Oxide 25 – 250 ppb

Order no. 8610200

Measuring range:	25 to 250 ppb
Typical measuring time:	150 to 600 s
Accuracy:	± 25 % (under calibration conditions)
Permissible ambient conditions	
Temperature:	10 to 25 °C
Temperature correction:	none
Humidity:	2 to 15 mg/L
Humidity correction:	none

Cross-sensitivities

The detection of 100 ppb ethylene oxide is not affected by:

250	ppb acrolein
300	ppb formaldehyde
2500	ppb 2-chloroethanol
3000	ppb ethanol
4500	ppb iso-propanol

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)		1
Probe set GP600 (8328667)		3