

Ethylene Oxide 0.25 – 10 ppm

Order no. 8610580

Measuring range:	0.25 to 10 ppm
Typical measuring time:	approx. 100 to 500 s
Accuracy:	± 25 % (under calibration conditions)
Permissible ambient conditions	
Temperature:	10 to 30 °C
Temperature correction:	none
Humidity:	1 to 25 mg/L
Humidity correction:	none
Cross-sensitivities	
The detection of 1 ppm ethylene oxide is not affected by:	
	0.1 ppm acrolein
	10 ppm formaldehyde
	25 ppm iso-propanol
	50 ppm ethanol

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