

Formaldehyde 5 - 150 ppb

Order No. 86 10 540

Measuring Range:	5 to 150 ppb
Typical Measuring Time:	approx. 360 to 960 s
Accuracy:	± 25 % (under calibration conditions)
Ambient Conditions:	
Temperature:	15 to 35 °C
Temperature correction:	none
Humidity:	4 to 18 mg/L
Humidity correction:	< 8 mg/L → 40 % from measurement value per mg/L 8 to 12 mg/L → none > 12 mg/L → -10 % from measurement value per mg/L

Cross Sensitivity:

No influence at 75 ppb formaldehyde by:

0.5 ppm acrolein
10 ppm vinyl acetate
100 ppm styrene
100 ppb acetaldehyde

Hose and probe measurement

The following flushing time recommendations for hose and probe measurements are marked with a brand-new, dry and clean hose and probes.

Hose	Length (meter)	Flushing time (min)
FKM hose	5 - 20	3
FKM hose	45	5
PTFE-lined PVC hose	3	3
PTFE-lined PVC hose	15	10
Bar probe 90 (83 16 532)		1
Telescopic probe ES 150 (83 16 533)		2
Probe Set GP600 (83 28 667)		3