



# Formaldehyde 5 - 150 ppb

Order No. 86 10 540

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

## 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
Tygon hose	3	3
Tygon hose	15	10
Rod probe 90 (8316532)		-
Telescopic probe ES 150 (8316533)		2