

Acetic Acid 2 – 50 ppm

Order no. 8610330

Measuring range:	2 to 50 ppm
Typical measuring time:	20 to 170 s
Accuracy:	± 25 % (under calibration conditions)
Permissible ambient conditions	
Temperature:	0 to 30 °C
Temperature correction:	< 20 °C: + 8 % of the measured value per °C > 20 °C: - 4 % of the measured value per °C
Humidity:	5 to 20 mg/L
Humidity correction:	< 10 mg/L – 2.5 % of the measured value per mg/L > 10 mg/L + 2.5 % of the measured value per mg/L

Cross-sensitivities

The detection of 10 ppm acetic acid is not affected by 50 ppm hydrogen peroxide.

Formic acid is detected with the same sensitivity. 6 ppm peracetic acid leads to a minus error of ± 25 % for the detection of 10 ppm acetic acid.

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	15
FKM hose	45	not possible
PTFE-lined PVC hose	3 – 15	3
Bar probe 90 (8316532)		3
Telescopic probe ES 150 (8316533)		10
Probe set GP600 (8328667)		15