

Formaldehyde 0.15 - 3 ppm

Order No. 86 10 100

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|-------------------------|--|
| Measuring Range: | 0.15 to 3 ppm |
| Typical Measuring Time: | 300 to 600 s |
| Accuracy: | ± 25 % (under calibration conditions) |
| Ambient Conditions: | |
| Temperature: | 0 to 40 °C |
| Temperature correction: | none |
| Humidity: | 4 to 20 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 0.6 ppm formaldehyde by:

- 0.25 ppm acrolein
- 10 ppm vinyl acetate
- 50 ppm acetaldehyde
- 100 ppm styrene

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) | Flashing time (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) | | 2 |
| Probe Set GP600 (83 28 667) | | 3 |