

Acetaldehyde 100/a

Order No. 67 26 665

Application Range

Standard Measuring Range:	100 to 1,000 ppm
Number of Strokes n:	20
Time for Measurement:	approx. 5 min
Standard Deviation:	± 15 to 20 %
Color Change:	orange → brownish-green

Ambient Operating Conditions

Temperature:	0 to 40 °C
Absolute Humidity:	3 to 15 mg H ₂ O / L

Reaction Principle

$$\text{CH}_3\text{CHO} + \text{Cr}^{\text{VI}} \rightarrow \text{Cr}^{\text{III}} + \text{various oxidation products}$$

Cross Sensitivity

The tube does not differentiate between different aldehydes. Ethers, ketones, esters, aromatics and petroleum hydrocarbons are indicated, but with different sensitivities.



ST-2-2001