

Order No.
67 26665

Acetaldehyde 100/a

Standard Measuring Range : 100 to 1,000 ppm
Number of Strokes (n) : 20
Time for Measurement : app. 5 min
Standard Deviation : ± 15 to 20 %
Colour Change : orange \rightarrow brownish-green

Ambient Operating Conditions

Temperature : 0 to 40 °C
Absolute Humidity : 3 to 15 mg H₂O / 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