

i-Propanol 50/a

Order No. 81 03 741

Application Range

Standard Measuring Range:	50 to 5000 ppm
Number of Strokes n:	10
Time for Measurement:	approx. 2.5 min
Color Change:	yellow → mintgreen

Ambient Operating Conditions

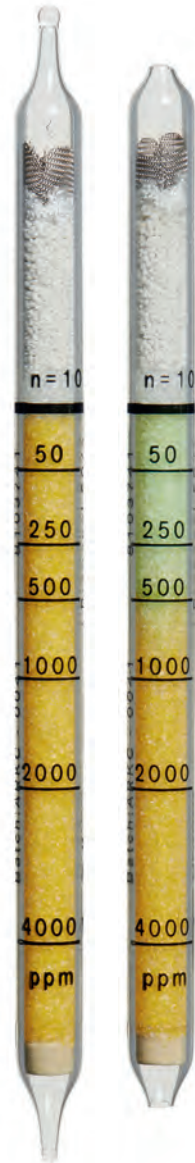
Temperature:	15 to 30 °C
Absolute Humidity:	≤ .20 mg H ₂ O / L

Reaction Principle

i-Propanol + organ-metallic compound → green reaction product

Cross Sensitivity

The tube does not differentiate between different alcohols. During the measurement of n-Propanol with n=10 strokes, the concentration read must be multiplied by a factor of 3.5. Methanol is indicated approximately with double sensitivity, ethanol with similar sensitivity and tetrahydrofuran with half sensitivity. Higher molecular alcohols are indicated with significantly decreasing sensitivity. ≤ 100 ppm formaldehyde; ≤ 250 ppm acetaldehyde; ≤ 200 ppm toluene; ≤ 200 ppm xylene; ≤ 100 ppm diethyl ether and ≤ 1000 ppm dimethyl ether are not indicated. Aliphatic petroleum hydrocarbons, ketones, esters, halogenated hydrocarbons and benzene are also not indicated.



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