

# Methylene Chloride 20/a

Order No. 81 03 591

## Application Range

Standard Measuring Range:	20 to 200 ppm
Number of Strokes n:	8
Time for Measurement:	approx. 7 min.
Standard Deviation:	± 15 to 25 %
Color Change:	yellow → red

## Ambient Operating Conditions

Temperature:	17 to 30 °C At 25 °C to 30 °C/77 °F to 86 °F multiply the reading with the factor 0.6.
Absolute Humidity:	3 to 25 mg H <sub>2</sub> O / L

## Reaction Principle

- $\text{CH}_2\text{Cl}_2 + \text{chromate} \rightarrow \text{Cl}_2$
- $\text{Cl}_2 + \text{amine} \rightarrow \text{red reaction product}$

## Cross Sensitivity

100 ppm n-octane and 300 ppm carbon monoxide do not interfere the reading. In case of concentrations > 100 ppm n-octane, methylene chloride is not indicated. Other chlorinated hydrocarbons will be indicated.

