

# Chlorine 0.2/a

Order No. CH 24 301

C

## Application Range

|                           |                       |               |
|---------------------------|-----------------------|---------------|
| Standard Measuring Range: | 0.2 to 3 ppm          | / 3 to 30 ppm |
| Number of Strokes n:      | 10                    | / 1           |
| Time for Measurement:     | approx. 3 min         | / 20 sec.     |
| Standard Deviation:       | ± 10 to 15 %          |               |
| Color Change:             | white → yellow orange |               |

## Ambient Operating Conditions

|                    |                              |
|--------------------|------------------------------|
| Temperature:       | 0 to 40 °C                   |
| Absolute Humidity: | < 15 mg H <sub>2</sub> O / L |

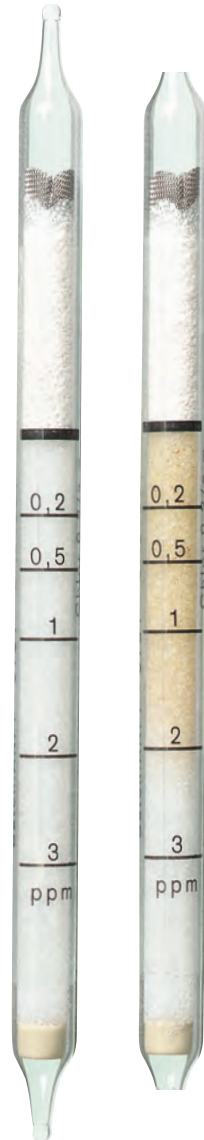
## Reaction Principle

$\text{Cl}_2 + \text{o-tolidine} \rightarrow \text{yellow orange reaction product}$

## Cross Sensitivity

Bromine is indicated with the same sensitivity, but with a paler discoloration. Chlorine dioxide is indicated with different sensitivity.

Nitrogen dioxide is indicated as well, but with a paler discoloration and lower sensitivity.



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Safety & Industrial Products

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