

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 ₂ O / L |

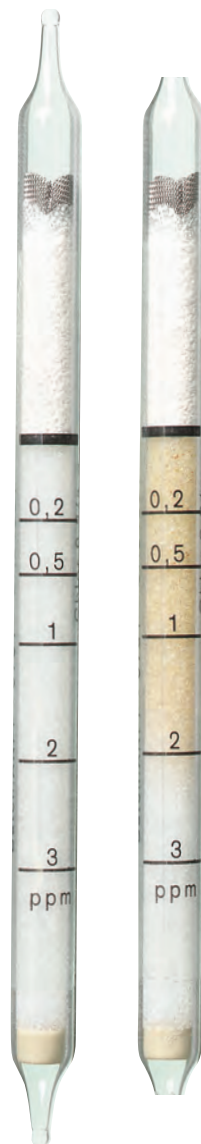
Reaction Principle

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

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.



ST-26-2001