

Chlorine 0.2/a

Order No. CH 24 301

Application Range

Standard Measuring Range:	0.2 to 3 ppm
Number of Strokes n:	10
Time for Measurement:	approx. 3 min
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

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

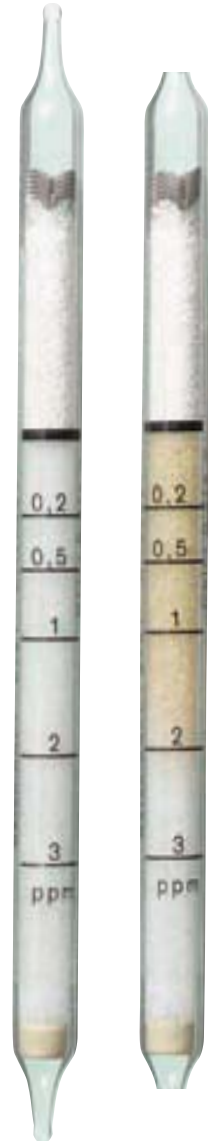
Cross Sensitivity

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.

Extension of the Measuring Range

Using $n = 1$ stroke, multiply the reading by 10, the measuring range will be 2 to 30 ppm.



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