

Order No.

67 28411

## Chlorine 0.3/b

**Standard Measuring Range** : 0.3 to 5 ppm  
**Number of Strokes (n)** : 20  
**Time for Measurement** : app. 450 s  
**Standard Deviation** :  $\pm 10$  to 15 %  
**Colour Change** : pale green-grey  $\rightarrow$  brown

### Ambient Operating Conditions

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

### Reaction Principle

Cl<sub>2</sub> + o-Tolidine  $\rightarrow$  brown reaction product

### Cross Sensitivity

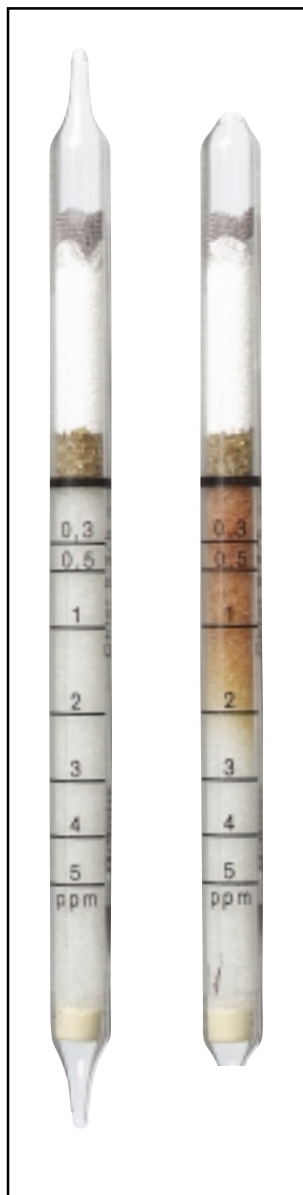
Bromine is indicated with the same sensitivity, but with a paler discoloration.

Chlorine dioxide is indicated with different sensitivity of chlorine.

Nitrogen dioxide is indicated with a lower sensitivity and paler discoloration.

### Extension of the Measuring Range

Using n=10, multiply the reading by 2;  
the range of measurement is 0.6 to 10 ppm.



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