

Chlorine Dioxide 0.025/a

Order No. 81 03 491

Application Range

Standard Measuring Range:	0.1 to 1 ppm	/	0.025 to 0.1 ppm
Number of Strokes n:	10	/	30
Time for Measurement:	approx. 2.5 min / approx. 7.5 min.		
Standard Deviation:	± 10 to 15 %		
Color Change:	light grey → light green		

Ambient Operating Conditions

Temperature:	0 to 50 °C
Absolute Humidity:	≤ 50 mg / L

Reaction Principle

$\text{ClO}_2 + o\text{-Tolidine} \rightarrow \text{light green reaction product}$

Cross Sensitivity

The following values are not displayed:

1 ppm Cl_2 , 10 ppm H_2S , 1 ppm SO_2 ,

10 ppm methyl mercaptane.

1 ppm bromide is not displayed at a stroke count of $n = 10$,

at $n = 30$ there is a discoloration of approx. 10 mm.

