

Water Vapor 0.1

Order No. CH 23 401

Application Range

Standard Measuring Range:	1 to 40 mg/L
Number of Strokes n:	10
Time for Measurement:	approx. 2 min
Standard Deviation:	± 10 to 15 %
Color Change:	yellow → red brown

Ambient Operating Conditions

Temperature:	0 to 40 °C
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Reaction Principle

$\text{H}_2\text{O} + \text{SeO}_2 + \text{H}_2\text{SO}_4 \rightarrow \text{reddish brown reaction product}$

Cross Sensitivity

Low molecular weight alcohols are indicated. A variety of other organic compounds, such as petroleum hydrocarbons are indicated.

