

# Hydrochloric Acid 0.2/a

Order No. 81 03 481

## Application Range

Standard Measuring Range:	0.2 to 3 ppm / 3 to 20 ppm
Number of Strokes n:	10 / 2
Time for Measurement:	approx. 2 min / 0.4 min
Standard Deviation:	± 10 to 15 %
Color Change:	blue → yellow

## Ambient Operating Conditions

Temperature:	5 to 40 °C
Absolute Humidity:	≤ 15 mg H <sub>2</sub> O / L

## Reaction Principle

HCl + bromophenol blue → yellow reaction product

## Cross Sensitivity

No interference on the reading of 10 ppm H<sub>2</sub>S and 2 ppm SO<sub>2</sub>. Other acid gases are also indicated, however, with differing sensitivity. Chlorine changes the indicating layer to grey. If chlorine occurs simultaneously, HCl readings will be higher.

