

# Ammonia 0.5%/a

Order No. CH 31 901

A

## Application Range

Standard Measuring Range:	0.5 to 10 vol. %
Number of Strokes n:	1 + 1 desorption stroke in clean air
Time for Measurement:	20 s per stroke
Standard Deviation:	± 10 to 15 %
Color Change:	yellow → violet

## Ambient Operating Conditions

Temperature:	10 to 30 °C
Absolute Humidity:	3 to 12 mg H <sub>2</sub> O / L

## Reaction Principle

NH<sub>3</sub> + pH indicator → purple reaction product

## Cross Sensitivity

Other basic substances such as e.g. organic amines are indicated as well.

## Extension of the Measuring Range

Using n = 10 + 1 desorptionstroke in clean air divide the reading by 10; the measuring range will be 0.05 to 1 % by vol.



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