

# Ammonia 20/a-D

Order No. 81 01 301

## Application Range

Standard Range	Measurement Time
20 to 1,500 ppm	1 h
10 to 750 ppm	2 h
4 to 300 ppm	5 h
2.5 to 200 ppm	8 h

Standard Deviation	± 15 to 20 %
Color Change	yellow → blue

## Ambient Operating Conditions

Temperature:	0 to 40 °C
Absolute Humidity	1 to 16 mg H <sub>2</sub> O / L

## Reaction Principle

$\text{NH}_3 + \text{Bromophenol blue} \rightarrow \text{blue reaction product}$

## Cross Sensitivity

Other basic reacting compounds are also indicated. It is impossible to measure ammonia in the presence of other basic gases.

