

Ammonia 5/a

Order No. CH 20 501

A

Application Range

Standard Measuring Range:	5 to 70 ppm	/	50 to 600 ppm
Number of Strokes n:	10	/	1
Time for Measurement:	approx. 60 s	/	10 s
Standard Deviation:	± 10 to 15 %		
Color Change:	yellow → blue		

Ambient Operating Conditions

Temperature:	10 to 50 °C
Absolute Humidity:	< 20 mg H ₂ O / L

Reaction Principle

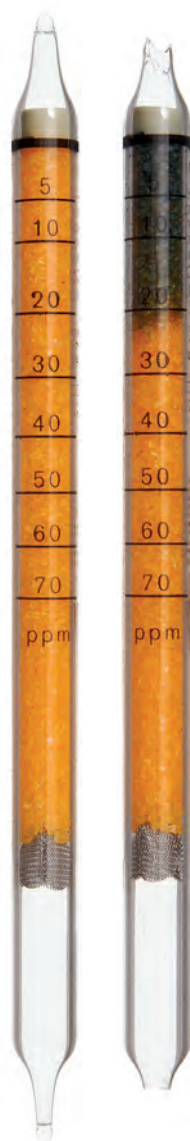
NH₃ + pH indicator → blue reaction product

Cross Sensitivity

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

The indication is not affected by:

- 300 ppm nitrous fumes
- 2,000 ppm sulfur dioxide
- 2,000 ppm hydrogen sulfide



D-133/44-2010