

Order No.
81 01941

Ammonia 5/b

Standard Measuring Range : 5 to 100 ppm
Number of Strokes (n) : 1
Time for Measurement : app. 10 s
Standard Deviation : ± 10 to 15 %
Colour Change : yellow \rightarrow blue

Ambient Operating Conditions

Temperature : 10 to 50 °C
Absolute Humidity : < 20 mg H₂O / L

Reaction Principle

NH₃ + pH-Indicator \rightarrow blue reaction product

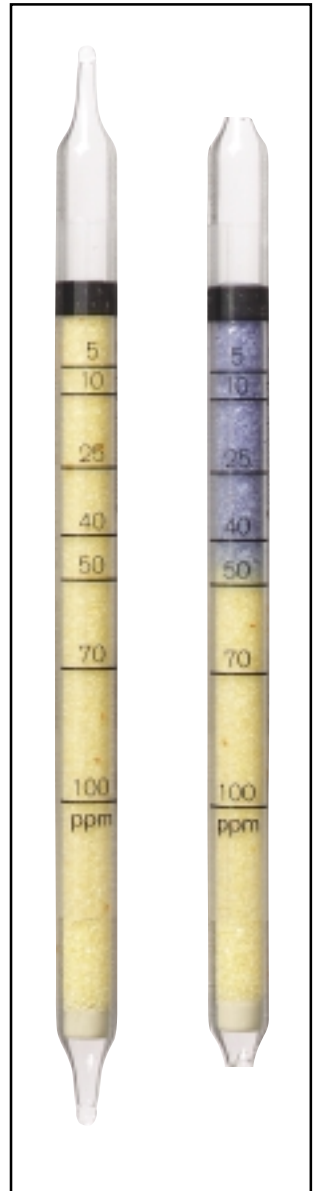
Cross Sensitivity

This tube indicates other basic gases, (e.g. organic amines).

No interference by 300 ppm nitrous fumes, 2,000 ppm sulphur dioxide or 2,000 ppm hydrogen sulphide.

Extension of the Measuring Range

Using n=2, divide the reading by 2; the range of measurement is 2.5 to 50 ppm.



SI-12-2001