

Nitrous Fumes 0.2/a

Order No. 81 03 661

N

Application Range

Standard Measuring Range: 0.2 to 6 ppm / 5 to 30 ppm

Number of Strokes n: 5 / 2

Time for Measurement: approx. 75 s / approx. 30 s

Standard Deviation: $\pm 10\ldots 15\%$ / $\pm 20\ldots 25\%$ Color Change: grey-green \rightarrow blue grey

Ambient Operating Conditions

Temperature: 10 to 40 °C

Absolute Humidity: 3 to 40 mg H₂O / L

Reaction Principle

a) $\text{NO} + \text{O}_x \rightarrow \text{NO}_2$ b) $\text{NO}_2 + \text{diphenylbenzidine} \rightarrow \text{blue grey reaction product}$

Cross Sensitivity

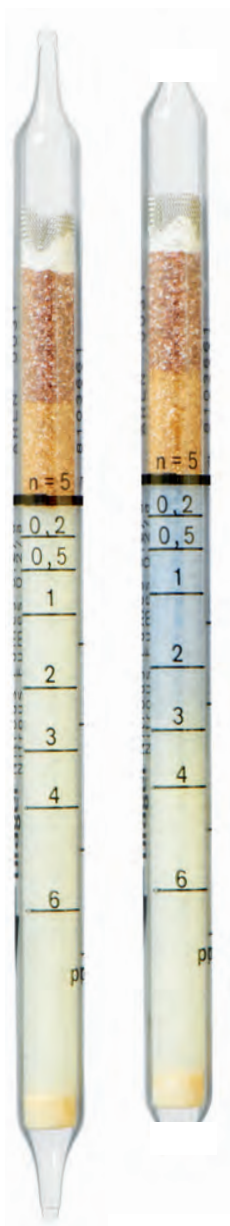
In case of nitrogen dioxide in concentrations above 300 ppm the indication layer can bleach. Chlorine and ozone are indicated as well, but with different sensitivities and may falsify the measurement results.



Northside Sales, Co.

Safety & Industrial Products

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