

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:	± 10... 15 %	/	± 20... 25 %
Color Change:	grey-green → blue grey		

Ambient Operating Conditions

Temperature:	10 to 40 °C
Absolute Humidity:	3 to 40 mg H ₂ O / L

Reaction Principle

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

Cross Sensitivity

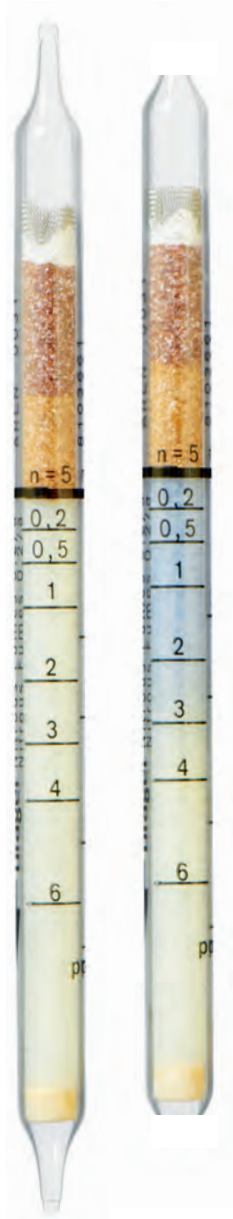
In case of nitrogen dioxide in concentrations above 300 ppm the indication layer can bleach. Chlorine and ozone are indicated as well, but with different sensitivities and may falsify the measurement results.



Northside Sales, Co.

Safety & Industrial Products

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