

# Nitrous Fumes 2/a

Order No. CH 31 001

## Application Range

Standard Measuring Range:	5 to 100 / 2 to 50 ppm
Number of Strokes n:	5 / 10
Time for Measurement:	approx. 1 min / approx. 2 min
Standard Deviation:	± 10 to 15 %
Color Change:	grey green → blue grey

## Ambient Operating Conditions

Temperature:	10 to 30 °C
Absolute Humidity:	max. 30 mg H <sub>2</sub> O / L

## Reaction Principle

- $\text{NO} + \text{Cr}^{\text{VI}} \rightarrow \text{NO}_2$
- $\text{NO}_2 + \text{Diphenylbenzidine} \rightarrow \text{blue grey reaction product}$

## Cross Sensitivity

Chlorine and ozone are indicated with different sensitivities.



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