

# Nitrous Fumes 100/c

Order No. CH 27 701

N

## Application Range

Standard Measuring Range: 100 to 1,000 / 500 to 5,000 ppm

Number of Strokes n: 5 / 1 + 4

desorption strokes in clean air.

Time for Measurement: approx. 1.5 min

Standard Deviation:  $\pm 15$  to 20 %

Color Change: grey  $\rightarrow$  red brown

## Ambient Operating Conditions

Temperature: 10 to 30 °C

Absolute Humidity: max. 30 mg H<sub>2</sub>O / L

## Reaction Principle

a)  $\text{NO} + \text{Cr}^{\text{VI}} \rightarrow \text{NO}_2$

b)  $\text{NO}_2 + \text{o-Dianisidine} \rightarrow \text{red brown reaction product}$

## Cross Sensitivity

Chlorine and ozone are also indicated, but with different sensitivities.



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